

Agenda

Environmental Protection Commission

May 18, 1998

10:00 AM

Wallace State Office Building, Fourth Floor Conference Room

Public Participation

10:30 A.M.

Agenda topics

- | | |
|--|----------------------------|
| 1. Approve Agenda | |
| 2. Elect of Officers | |
| 3. Approve Minutes of April 20, 1998 | |
| 4. Director's Report | Larry Wilson (Information) |
| 5. Monthly Financial Status Report | Stan Kuhn (Information) |
| 6. Status Update - McAtee Waste Tire Stockpile | Roya Stanley (Information) |
| 7. Landfill Alternatives Financial Assistance Program Report | Roya Stanley (Information) |
| 8. Landfill Alternatives Financial Assistance Program Application - Filter Recycling, Inc. | Roya Stanley (Information) |
| 9. Monthly Reports | Allan Stokes (Information) |
| 10. Air Modeling Contract Approval | Allan Stokes (Decision) |
| 11. Emergency Adopted & Notice of Intended Action--Chapter 20, 22 and 23, Air Quality Case-by-Case MACT | Allan Stokes (Decision) |
| 12. Notice of Intended Action--Chapter 22 and 23, Acid Rain Exemptions and Primary Aluminum Reduction Plants | Allan Stokes (Decision) |
| 13. Notice of Intended Action--Chapter 28, Air Quality - Revised NAAQS | Allan Stokes (Decision) |

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|-------------------|--|-------------------------|
| 14. | Air Quality Budget Approval - Title V Fees | Allan Stokes (Decision) |
| 15. | State Revolving Fund - Intended Use Plan, 1998 (Wastewater) | Allan Stokes (Decision) |
| 16. | Wellhead Protection Plan Approval | Allan Stokes (Decision) |
| 17. | Contract Approval - Operator Certification Program | Allan Stokes (Decision) |
| 18. | Air Quality Agreement with UNI, Iowa Air Emissions Assistance Program, Agreement Number 99-7230-01 | Allan Stokes (Decision) |
| <i>Debate</i> 19. | Adopted and Filed - Chapter 22, Air Quality Permits | Allan Stokes (Decision) |
| 20. | General Discussion | |
| 21. | Address Items for Next Meeting | |

Next Meeting Dates

June 15, 1998
July 20, 1998
August 17, 1998

ENVIRONMENTAL PROTECTION COMMISSION

May 18, 1998

NAME

COMPANY OR AGENCY

CITY

(PLEASE PRINT)

Karen Nachtmann

IAMU

Ankeny

Jason Finch

Farm Bureau

Des Moines

DAN VEST

GROWMARK, INC

BLOOMINGTON, IL.

ELLIOTT SMITH

ABI

DES MOINES

CHRIS GAUC

IOWA FARM BUREAU

WDSM

Rick Kelley

UHL

DM

Regina Thiry

Waterloo

Wayne Kauer

U.S. E.P.A.

KC, MO.

Sandra King

IDED

DSM IA

Helene F MAHLER

SIERRA CLUB

DSM

Joe Robertson

Marshall County Solid Waste

Marshalltown

Debbie Renstead

Sierra Club

DSM

Amanda Sargent

"

"

Christine Sones

"

"

Tracy Mitchell

Laura Hupp

ENVIRONMENTAL PROTECTION COMMISSION

May 18, 1998

NAME

COMPANY OR AGENCY

CITY

(PLEASE PRINT)

Dawn Goodrich	Des Moines Waterworks	DM
Jason Clayworth	Cedar Rapids Gazette	DM/CR
Susan Heathcote	Iowa Environmental Council	DM

RECORD COPY EP Meeting
File Name: ADM-1-1-1
Date: May 1998
Initials: J.E.

MINUTES
OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING

MAY 18, 1998

WALLACE STATE OFFICE BUILDING
DES MOINES, IOWA

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MEETING MINUTES

CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairman Ehm at 10:00 a.m. on Monday, May 18, 1998, in the Wallace State Office Building, Des Moines, Iowa.

MEMBERS PRESENT

William Ehm, Chair
Rozanne King
Charlotte Mohr, Secretary
Gary Priebe
Terrance Townsend, Vice-Chair
Rita Venner

MEMBERS ABSENT

Randal Giannetto
Dean McWilliams
Kathryn Murphy

Director Wilson noted that Dean McWilliams and Kathryn Murphy are absent today because of business committments. Randall Giannetto phoned to say he has a court hearing this morning.

ADOPTION OF AGENDA

The following adjustments were made to the agenda:

- Delete: Appointment - Delete Item #19, Air Quality Permit Rules--Chapter 22, Adopted & Filed

Motion was made by Charlotte Mohr to approve the agenda as amended. Seconded by Terrance Townsend. Motion carried unanimously.

APPROVED AS AMENDED

ELECTION OF OFFICERS

Chairman Ehm called for nominations for the position of Chair.

Motion was made by Rita Venner to re-elect all of the current officers. Seconded by Gary Priebe. Motion carried unanimously.

CURRENT OFFICERS RE-ELECTED

APPROVAL OF MINUTES

Motion was made by Terrance Townsend to approve the meeting minutes of April 20, 1998, as presented. Seconded by Rita Venner. Motion carried unanimously.

APPROVED AS PRESENTED

DIRECTOR'S REPORT

Larry Wilson, Director, noted that Debbie Neustadt will bring some of her Ecology Class students from East High School. He asked that she be called on first during Public Participation so she can get her students back to class on time. She will speak about air quality regulations.

Director Wilson informed the Commission of the waste flow management workshop entitled "Managing the Flow," which will be held at Hotel Fort Des Moines on May 21 - May 23. He also mentioned the Heartland Regional Scrap Tire Management Conference to be held in Council Bluffs on May 27 - 28. He related that he will be at both conferences for awhile, and staff will be there as well.

Director Wilson stated that Allan Stokes will provide information at the next Commission meeting on a Writing Style book, adding that it is a project staff has been involved in with CFM&Z. He related that the book pertains to a writing style that is more easily understood and sensitized with the department's customers and user groups. He also mentioned a Marketing/Communications Plan that Roya Stanley developed with Cheryl Marsh of APR Marketing and Public Relations, and noted that Roya Stanley will present it to the Commission at a future meeting. He commended both Mr. Stokes and Ms. Stanley for taking the initiative to do these projects.

FINANCIAL STATUS REPORT - YTD DIVISION EXPENDITURES

Stan Kuhn, Division Administrator, Administrative Services Division, presented the following item.

Attached is the division-level expenditure status report as of 4/30/98 for cost centers, bureaus and divisions within the operations budget.

The FY budgets for the 319-Water Planning cost centers have been increased by a net of \$450,000. The original 319 cost center budgets are based on expected spending during the fiscal year. 319 program expenditures, for the most part, reflect reimbursements to grantees. Grant expenditures are difficult to predict. Federal 319 Water Planning funds are provided annually, and the State has five years to obligate the funds. The current balance in all 319 annual grants to the State is \$8,653,120.

The Parks' budget has been increased by \$121,587. The recent G.A. appropriated \$350,000 to cover ranger retirement costs. SPOC retirement costs to date total \$121,587, with the remainder available to cover possible additional retirements prior to 6/30/98.

The Law Enforcement budget has been increased by \$97,079. Total SPOC retirement costs to date are \$202,079. However, the initial FY98 appropriation already included \$105,000 for this purpose. Thus, only the net, or \$97,079 is required to compensate for retirements to date. The recent G.A. appropriated an additional \$245,000 to cover SPOC Fish and Wildlife retirements. Thus, \$147,921 is available to cover possible additional retirements prior to 6/30/98.

The YTD expenditure projections assume timely payment of expenses. The bulk of the operations budget involves salaries which are relatively simple to project with regard to time. Significant delays in the payment of other expenses has the unfortunate effect of causing a program to appear "under" budget by a greater amount than is actually the case.

Because it is good business to pay bills on time, and for the above reason, the DNR has focused effort on ensuring timely payment of all bills. Our standard expectation is that bills will be paid within 21 days of receiving the invoice or services or goods, whichever is later. We estimate currently 80% of claims are being paid within the 21 day standard, and 99% are being paid within 30 days.

Staff will attempt to respond to any questions or comments regarding budget status at the meeting.

Monthly Operations Budget Status Report
4/30/98

Budget Unit	FY97 Actual	FY98 O/BDGI	FY98 A/BDGI	FY98 YTD A/BDGI	FY98 YTD Actual	Variance Under(Ovr)
Director's Office/Info & Ed.	1,815,108	2,019,376	2,044,376	1,616,428	1,476,473	139,955
Administrative Services Div	5,178,711	5,662,615	5,807,615	4,546,397	4,231,807	314,590
Parks, Rec. & Preserves Div.	9,169,083	9,196,141	9,517,728	7,200,170	7,248,439	(48,269)
Forests & Forestry Division	2,800,131	2,869,497	2,851,497	2,263,981	2,190,643	73,338
Energy & Geo. Res. Division	3,957,613	5,067,391	4,569,218	3,589,713	2,810,330	779,383
EPD Division	18,671,708	19,908,815	20,358,815	16,016,989	13,219,606	2,797,383
FW Division	19,950,233	20,761,728	20,863,640	16,536,033	16,142,555	393,478
Waste Mngt Assistance Div.	1,260,687	1,781,227	1,781,227	1,384,318	1,118,138	266,180
	62,803,274	67,266,790	67,794,116	53,154,030	48,437,991	4,716,039

Director's Office/ Information & Education

Budget Unit	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Director's Office & Commissions	326,942	268,371	306,371	242,006	250,822	(8,816)
Permit Compliance Team	71,068	191,045	191,045	153,167	123,404	29,763
REAP Program	64,296	14,500	39,500	38,000	42,027	(4,027)
Policy Coordination	38,338	95,555	55,555	44,136	23,299	20,837
Total Director's Office	500,644	567,471	592,471	477,309	439,552	37,757

Information & Education Bureau

I&E General Operations	434,053	435,044	435,044	344,411	351,304	(6,893)
Conservationist Magazine	334,421	386,552	386,552	300,543	243,161	57,382
Education Center Programs	179,350	192,924	192,924	151,885	136,269	15,616
Aquatic Education	225,247	278,537	278,537	216,964	221,133	(4,169)
Fish and Wildlife Information	31,625	15,458	15,458	12,318	16,912	(4,594)

Energy Information	42,564	72,674	72,674	57,104	36,202	20,902
Groundwater Education	0	23,044	23,044	18,364	1,450	16,914
319 Planning Information	41,853	39,672	39,672	31,527	4,144	27,383
Air Quality Title 5 Information	0	0	0	0	22,478	(22,478)
Education Workshops	3,868	8,000	8,000	6,004	187	5,817
Outdoor Learning	10,608	0	0	0	3,615	(3,615)
Project Wild Expansion	5,122	0	0	0	0	0
Hooked on Fishing	5,753	0	0	0	66	(66)
Total I & E Bureau	1,314,464	1,451,905	1,451,905	1,139,120	1,036,921	102,199
Total Director's Office/Info & Ed.	1,815,108	2,019,376	2,044,376	1,616,428	1,476,473	139,955

Administratives Services Division

Budget Unit	FY97 Actual	FY98 O/BDGI	FY98 A/BDGI	FY98 YTD A/BDGI	FY98 YTD Actual	Variance Under(Ovr)
Budgets and Grants Bureau	347,840	354,057	354,057	274,966	213,208	61,758
State Central Services & Indirect	100,908	266,458	241,458	145,083	92,090	52,993
Accounting Bureau	780,822	876,116	876,116	687,994	678,382	9,612
Administrative Services Bureau	1,375,216	1,499,918	1,499,918	1,169,022	1,073,682	95,340
Central Data Processing Bureau	577,241	770,991	770,991	618,095	550,915	67,180
Licensing Bureau	413,410	325,157	355,157	288,090	310,355	(22,265)
Construction Services Bureau	937,921	908,384	1,048,384	835,845	787,461	48,384
CSB-Park Road Design	75,096	55,212	55,212	43,998	57,908	(13,910)
Land Acquisition & Mngt Bureau	466,013	494,170	494,170	393,840	385,261	8,579
Division Mngt & Misc	104,244	112,152	112,152	89,462	82,545	6,917
Special Training & Technology	50,307	0	0	0	0	0
Total Administrative Services Div.	5,178,711	5,662,615	5,807,615	4,546,397	4,231,807	314,590

Parks, Recreation and Preserves Division

Budget Unit	FY97 Actual	FY98 O/BDGI	FY98 A/BDGI	FY98 YTD A/BDGI	FY98 YTD Actual	Variance Under(Ovr)
Parks Field Management	279,179	206,405	218,405	172,351	196,609	(24,258)
NW District Parks Operations	1,887,414	1,944,884	2,087,404	1,586,375	1,554,664	31,711
NE District Parks Operations	1,895,053	1,843,567	1,916,634	1,442,182	1,436,027	6,155
SE District Parks Operations	2,188,662	2,176,025	2,223,025	1,662,224	1,692,389	(30,165)
SW District Parks Operations	1,949,955	1,963,125	2,010,125	1,505,523	1,580,380	(74,857)
Parks & Preserves Programs & Mngt	634,057	672,777	672,777	533,130	527,228	5,902
Endangered Species Grants	0	11,259	11,259	8,444	6,000	2,444
Preserves Grants	0	19,311	19,311	14,483	0	14,483
DED Parks Grants	24,411	27,167	27,167	21,594	27,952	(6,358)
Trail Development Grants	46,613	44,850	44,850	32,811	25,161	7,650
Cedar Rock	142,227	138,098	138,098	103,038	108,484	(5,446)
Division Management & Misc.	121,094	118,673	118,673	95,277	91,320	3,957
SRF Loan Repayment	418	30,000	30,000	22,740	2,225	20,515
Total Parks, Rec & Preserves Div.	9,169,083	9,196,141	9,517,728	7,200,170	7,248,439	(48,269)

Forests & Forestry Division

Budget Unit	FY97 Actual	FY98 O/BDGI	FY98 A/BDGI	FY98 YTD A/BDGI	FY98 YTD Actual	Variance Under(Ovr)
Forest Nursery Production	520,144	560,071	530,071	413,701	423,557	(9,856)
Forest Nursery Services	94,849	96,444	96,444	76,463	72,079	4,384
Shimek Forest	211,443	235,266	235,266	188,152	163,452	24,700
Stephens Forest	164,483	188,023	190,023	152,406	134,950	17,456
Yellow River Forest	256,914	243,229	245,229	196,725	188,391	8,334
Loess Hills Forest	173,708	159,082	161,082	128,515	129,971	(1,456)
Nursery & Forests Management	133,151	140,954	142,954	113,504	114,695	(1,191)
Farm Forestry Services	757,125	797,161	801,161	638,088	609,535	28,553
Trees For Kids Video	7,778	0	0	0	7,526	(7,526)
Trees For Kids Project	40,352	30,000	30,000	22,740	9,197	13,543
Forestry Services Management	303,576	301,841	301,841	239,604	246,126	(6,522)
Division Management	116,230	117,426	117,426	94,082	91,164	2,918
Training & Technology	20,378	0	0	0	0	0
Total Forests & Forestry Division	2,800,131	2,869,497	2,851,497	2,263,981	2,190,643	73,338

Energy & Geological Resources Division

Budget Unit	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Energy Bureau:						
Alternative Fuels	8,263	0	0	0	0	0
Biomass	53,425	89,807	89,807	70,858	64,736	6,122
SIFIC A	66,372	88,791	88,791	68,966	40,268	28,698
SIFIC B	89,377	67,296	67,296	53,538	55,969	(2,431)
SIFIC Innovation Project	91,505	101,250	101,250	80,560	70,299	10,261
ICP - Administration	10,320	0	0	0	0	0
ICP - Marketing	117,177	0	0	0	0	0
ICP - Programming	51,489	0	0	0	0	0
State Energy Program	440,763	648,766	648,766	516,132	433,805	82,327
Soya Diesel	17,118	106,369	46,369	35,704	21,259	14,445
Building Code, Energy	100,654	10,000	10,000	7,500	0	7,500
E-85 Promotion	20,001	0	0	0	0	0
Heating Oil & Propane Program	19,118	18,944	18,944	14,764	11,554	3,210
Energy Advancement	103,886	27,119	27,119	21,533	21,534	(1)
Greenhouse Gas	4,566	23,402	23,402	17,552	0	17,552
Greenhouse Gas #3	0	75,000	5,000	3,750	0	3,750
Federal Energy Bank	70	74,419	74,419	63,309	61,198	2,111
Great Lakes Ethanol Grant	72,097	0	0	0	0	0
Energy/Education Study	0	50,000	50,000	37,500	15,611	21,889
Ethanol Seminar, Council of Gov's	3,801	21,891	21,891	16,542	21,843	(5,301)
Oil Overcharge - 3 Admin	194,807	297,839	297,839	235,104	163,060	72,044
EPA Risk Assessment Project	45,903	61,859	61,859	46,449	25,053	21,396

Energy & Geological Resources Division (Continued)

Budget Unit	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Rebuild Iowa	114,617	155,129	155,129	116,951	100,773	16,178
SEP Energy Code	0	0	0	0	4,715	(4,715)
Federal Energy Mngt Program	13,859	50,000	50,000	37,500	26,144	11,356
Commercial Wind Energy	0	230,000	60,000	45,000	38,003	6,997
Wind Assessment	3,767	4,072	4,072	3,152	1,343	1,809
SEP Climate Wise	0	50,000	50,000	37,500	23,000	14,500
Ethanol Market Research	40,691	92,970	92,970	69,728	53,280	16,448
Total Energy Bureau	1,683,646	2,344,923	2,044,923	1,599,591	1,253,447	346,144

Geology Bureau:

Camp Dodge GIS Support	0	24,006	0	0	0	0
Big Springs Modeling	1,658	0	0	0	0	0
Camp Dodge Wetland	17,501	11,450	11,450	8,745	2,970	5,775
Camp Dodge Mapping	27,490	55,967	15,000	12,172	9,364	2,808
Floyd Cty ADW Project	23,876	23,272	23,272	18,073	6,573	11,500
Wright Cty ADW Project	0	6,200	0	0	0	0
Wright Cty Water Quality	0	27,000	0	0	0	0
Geology/Mineral Resources	375,633	371,462	371,462	295,202	291,267	3,935
Digital Mapping	54,314	100,403	100,403	77,834	80,209	(2,375)
Wright Cty Monitoring	0	27,683	27,683	21,488	770	20,718
Hydrology/Environment	445,263	488,206	488,206	388,967	360,908	28,059
State Mapping	56,018	22,973	22,973	17,878	19,692	(1,814)
Pesticide Mngt Project	26,391	41,464	41,464	32,758	13,164	19,594
Geology Information	227,751	238,673	238,673	190,720	185,826	4,894
Big Springs Project	80,138	12,269	12,269	9,716	21,717	(12,001)

Energy & Geological Resources Division (Continued)

Budget Unit	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Geographical Info System	159,246	221,247	221,247	176,840	100,988	75,852
319 Planning - 91	32,461	42,465	42,465	33,100	17,470	15,630
Wellhead #2	12,284	0	0	0	0	0
319 Planning - 93	118,950	215,546	115,546	89,667	69,375	20,292
Walnut Creek Restoration	82,396	210,490	210,490	159,907	63,409	96,498
Wellhead Protection, EPA	19,421	86,811	86,811	67,955	26,716	41,239
USGS Coop. Agreement	158,641	156,154	156,154	117,116	76,985	40,131

May 1998

Environmental Protection Commission Minutes

Geology Bureau Mngt	250,772	239,667	239,667	193,304	133,831	59,473
Total Geology Bureau	2,170,204	2,623,408	2,425,235	1,911,442	1,481,234	430,208
Special Technology Initiative	11,802	0	0	0	0	0
Energy & Geological Div Mngt	91,961	99,060	99,060	78,680	75,649	3,031
Total Energy & Geological Resources Division	3,957,613	5,067,391	4,569,218	3,589,713	2,810,330	779,383

Environmental Protection Division

Budget Units	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Water Quality Bureau:						
Wastewater (NPDES) Mngt	604,082	700,467	700,467	553,204	519,965	33,239
Non-Point Pollution Conference	8,000	0	0	0	0	0
Storm Water Permitting	148,935	216,986	216,986	172,842	138,031	34,811
Livestock Permits (C. Office)	269,889	226,667	226,667	180,472	229,549	(49,077)
Construction Grants Mngt	12,196	0	0	0	0	0
State Revolving Grant Mngt	242,419	402,537	402,537	320,896	193,818	127,078
GW County Grants Mngt	67,941	59,210	59,210	46,144	47,281	(1,137)
Iowa River Project	7,011	0	0	0	0	0
Water Monitoring Workshop	0	2,900	2,900	2,191	1,812	379
604B Water Planning	150,421	162,264	162,264	129,004	140,741	(11,737)
Floodplain Regulation & Mngt	296,866	309,073	309,073	245,959	250,336	(4,377)
319 Water Planning-90	19,968	0	0	0	0	0
319 Water Planning-91	64,972	55,000	55,000	44,488	25,109	19,379
319 Water Planning-92	97,163	80,000	100,000	75,000	76,095	(1,095)
319 Water Planning-93	136,236	175,000	175,000	131,250	94,016	37,234
319 Water Planning-94	381,140	250,000	270,000	202,500	204,824	(2,324)
319 Water Planning-95	520,493	540,064	540,064	417,602	333,712	83,890
319 Water Planning-96	81,698	101,201	451,201	338,427	346,618	(8,191)
319 Water Planning-97	0	50,000	110,000	82,500	83,841	(1,341)
Water Supply Regulation	867,561	1,334,817	1,334,817	1,048,026	692,930	355,096
Water Rights Administration	124,949	131,410	131,410	104,168	101,452	2,716
Operator Certification Support	14,273	98,589	98,589	74,428	31,866	42,562
Well Contractor Permits	23,140	42,310	42,310	33,968	25,458	8,510
Animal Study	17,222	0	0	0	0	0

Environmental Protection Division (Continued)

Budget Units	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Water Supply-93 Flood	407,004	50,000	50,000	37,500	12,000	25,500
Wastewater-93 Flood	102,657	0	0	0	0	0
Waste Allocation, Watersheds	65,399	0	0	0	0	0
Lab Certification	92,983	156,500	156,500	117,601	79,959	37,642
Stream Watershed Assessment	21,887	30,750	30,750	23,077	37,835	(14,759)
Coliform Study	36,878	0	0	0	0	0
Total Water Quality	4,883,383	5,175,745	5,625,745	4,381,246	3,667,248	713,998

Air Quality Bureau:

Air Quality Regulation & Planning	1,320,174	1,868,931	1,868,931	1,470,773	1,365,236	105,537
Title V, Permitting, Enforcement	5,518,591	4,729,996	4,729,996	3,712,011	2,690,197	1,021,814
Total Air Quality Bureau	6,838,765	6,598,927	6,598,927	5,182,784	4,055,433	1,127,351

Land Quality Bureau:

Waste Management	514,322	634,806	634,806	502,369	424,756	77,613
Solid Waste Authorization	48,066	61,983	61,983	49,235	41,688	7,547
GW Professional Registration	26,157	60,993	60,993	46,772	16,738	30,034
UST	214,249	315,756	315,756	250,682	187,808	62,874
LUST Cleanup	588,873	786,139	786,139	627,469	430,236	197,233
Hazardous Waste Sitting	100,542	208,428	208,428	163,481	51,599	111,882
Remedial Activity	14,770	70,221	70,221	55,752	27,053	28,699
AIDEX Monitoring	5,252	6,600	6,600	5,018	0	5,018
Superfund Program Management	172,371	174,045	174,045	139,059	139,561	(502)
Multisite, Investigation & Assess.	93,484	55,553	55,553	43,656	102,151	(58,495)

Environmental Protection Division (Continued)

FY97	FY98	FY98	FY98 YTD	FY98 YTD	Variance
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E98May-6

Budget Units	Actual	O/BDGT	A/BDGT	A/BDGT	Actual	Under(Ovr)
General Motors Site Mngt	2,518	49,834	49,834	40,007	21,104	18,903
Waste Tire Permitting	5,798	1,000	1,000	797	1,105	(308)
Emergency Response	203,460	210,899	210,899	168,251	145,149	23,102
BrownFields Task Force	104	25,000	25,000	18,950	609	18,341
BrownFields Development	0	228,208	228,208	175,671	58,096	117,575
LUST Flood Support	305,374	100,000	100,000	75,000	0	75,000
Total Land Quality Bureau	2,295,340	2,989,465	2,989,465	2,362,167	1,647,653	714,514
Legal & Compliance Bureau:						
LUST Cleanup	517,261	529,073	529,073	423,662	444,441	(20,779)
Air Quality-Field Const. & Mngt	0	163,792	163,792	130,305	101,405	28,900
Air Quality-Field Title 5	556,551	474,201	474,201	377,660	314,705	62,955
Wastewater-Field	1,265,477	1,456,572	1,456,572	1,150,099	1,085,699	64,400
Water Supply-Field	604,045	646,810	646,810	515,165	507,421	7,744
Waste Mngt-Groundwater	652,276	709,167	709,167	568,303	509,096	59,207
GW(106), Investigations, Surveys	128,665	0	0	0	0	0
Water Supply Technical Asst	142,676	203,347	203,347	164,831	123,364	41,467
Livestock-Field	200,428	315,200	315,200	253,458	252,123	1,335
Legal/Compliance Mngt	414,960	451,493	451,493	352,751	342,984	9,767
Total Legal & Compliance Bureau:	4,482,339	4,949,655	4,949,655	3,936,233	3,681,238	254,995
EPD Division Mngt & Misc	171,881	195,023	195,023	154,559	168,034	(13,475)
Totals, EPD Division	18,671,708	19,908,815	20,358,815	16,016,989	13,219,606	2,797,383

Fish and Wildlife Division

Budget Units	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Law Enforcement:						
NW Enforcement District	952,484	890,300	890,300	707,122	706,232	890
NW Enf. Boating Safety	0	24,632	24,632	18,914	22,275	(3,361)
NE Enforcement District	1,171,406	1,115,566	1,115,566	886,150	891,449	(5,299)
NE Enf. Boating Safety	0	16,500	16,500	13,155	12,153	1,002
SW Enforcement District	772,248	759,342	811,636	655,143	670,205	(15,062)
SW Enf. Boating Safety	0	36,800	36,800	32,511	23,295	9,216
SE Enforcement District	1,016,352	990,455	1,039,535	836,289	809,893	26,396
SE Enf. Boating Safety	0	18,500	18,500	14,023	8,998	5,025
NC Enforcement District	876,134	811,247	862,167	695,187	715,846	(20,659)
NC Enf. Boating Safety	0	27,001	27,001	21,731	12,339	9,392
SC Enforcement District	954,003	922,892	972,510	782,616	669,496	113,120
SC Enf. Boating Safety	0	27,370	27,370	22,447	153,713	(131,266)
Hunter Safety	391,814	358,749	358,749	279,853	327,306	(47,453)
Boating Safety	50,421	358,858	358,858	283,296	189,172	94,124
Snowmobile Safety	34,321	66,742	66,742	52,896	77,481	(24,585)
Big Creek Range Maint.	7,608	7,000	7,000	5,350	4,687	663
Cons. Law Bureau Mngt	508,464	448,401	348,401	276,083	193,145	82,938
Total Law Enforcement	6,735,255	6,880,355	6,982,267	5,582,766	5,487,685	95,081

Fish and Wildlife Division(Continued)

Budget Units	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Fisheries:						
Hatcheries:						
Big Springs Fish Hatchery	210,092	224,012	224,012	177,353	166,325	11,028
Decorah Fish Hatchery	264,824	259,025	259,025	204,998	201,515	3,483
Fairport Fish Hatchery	175,826	161,636	161,636	128,423	120,759	7,664
Manchester Fish Hatchery	245,034	259,334	259,334	205,731	201,603	4,128
Rathbun Fish Hatchery	529,805	508,707	508,707	405,353	367,827	37,526
Spirit Lake Fish Hatchery	375,265	373,893	373,893	297,226	268,079	29,147
Total Hatcheries	1,800,846	1,786,607	1,786,607	1,419,083	1,326,108	92,975
Fisheries Management:						
NW District	573,882	624,889	624,889	492,191	477,658	14,533
NE District	627,250	646,835	646,835	509,798	510,520	(722)
SW District	472,316	500,525	500,525	395,624	392,820	2,804
SE District	526,105	547,152	547,152	433,144	415,892	17,252
Total Fisheries Management	2,199,553	2,319,401	2,319,401	1,830,756	1,796,890	33,866
Fisheries Research:						

Mississippi Monitoring	293,663	340,224	340,224	267,658	261,133	6,525
Aquatic Education Project	117,742	98,576	98,576	78,521	103,546	(25,025)
Milfoil Project	91,159	100,454	100,454	77,830	63,600	14,230
Bellevue Fisheries Research	165,970	176,243	176,243	138,809	136,225	2,584
Walleye Fingerling Project	5,000	0	0	0	0	0
Chariton Fisheries Research	260,256	261,182	261,182	207,088	219,169	(12,081)
Cold Springs Fisheries Research	127,595	125,568	125,568	98,934	99,779	(845)
Bozeman Project	5,781	5,000	5,000	3,750	0	3,750

Fish and Wildlife Division(Continued)

Budget Units	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Manchester Fisheries Research	120,913	128,448	128,448	101,918	96,290	5,628
Fish Production Drug Study	20,000	20,000	20,000	20,000	20,000	0
Rathbun Fisheries Research	145,374	167,375	167,375	130,637	113,472	17,165
Spirit Lake Fisheries Research	142,685	138,252	138,252	107,915	112,872	(4,957)
MARIS Study	0	10,000	10,000	7,580	0	7,580
Total Fisheries Research	1,496,138	1,571,322	1,571,322	1,240,640	1,226,086	14,554
Fisheries Bureau Mngt	462,734	522,887	522,887	404,809	379,559	25,250
Total Fisheries Bureau	5,959,271	6,200,217	6,200,217	4,895,289	4,728,643	166,646

Wildlife Bureau:

Wildlife Area Maint. & Mngt:

NW District Operations	1,064,883	1,073,625	1,073,625	847,180	852,546	(5,366)
NE District Operations	997,595	981,479	981,479	775,907	776,884	(977)
SW District Operations	1,022,495	1,022,862	1,022,862	807,250	816,913	(9,663)
SE District Operations	1,138,702	1,206,422	1,206,422	952,404	838,641	113,763
Wetlands Project Support	24,845	31,872	31,872	25,065	15,157	9,908
Wildlife Area Maint. & Mngt	4,248,520	4,316,260	4,316,260	3,407,807	3,300,141	107,666

Fish and Wildlife Division(Continued)

Budget Units	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Corps WMA Areas, Cond 5:						
Saylorville Cond 5 WMA	53,064	35,444	35,444	28,193	38,418	(10,225)
DM River Cond 5 WMA	7,661	12,500	12,500	10,765	15,842	(5,077)
Missouri River Cond 5 WMA	0	4,000	4,000	3,032	0	3,032
Red Rock Cond 5 WMA	123,617	161,115	161,115	125,164	89,281	35,883
Coralville Cond 5 WMA	34,526	49,344	49,344	39,216	32,695	6,521
Rathbun Cond 5 WMA	31,576	28,994	28,994	22,794	31,487	(8,693)
Total Corps WMA Mngt	250,444	291,397	291,397	229,164	207,723	21,441
Total WMA Maint. & Mngt	4,498,964	4,607,657	4,607,657	3,636,971	3,507,864	129,107
Wildlife Research:						
Boone Research, State	133,860	189,912	189,912	150,126	108,503	41,623
Boone Research, Federal	107,132	130,043	130,043	101,997	89,768	12,229
Chariton Research, State	87,705	75,943	75,943	60,326	45,679	14,647
Chariton Research, Federal	142,046	152,566	152,566	120,430	106,799	13,631
Clear Lake Research, Federal	139,564	139,840	139,840	110,334	136,990	(26,656)
Neotropical Migrant	13,017	0	0	0	0	0
Clear Lake Research, State	98,941	81,749	81,749	65,139	52,564	12,575
Wildlife Diversity Project	201,777	249,505	249,505	196,094	181,918	14,176
Harvest Information Program	0	0	0	0	7,968	(7,968)
Total Wildlife Research	924,042	1,019,558	1,019,558	804,445	730,189	74,256
Wildlife Depredation Mngt	0	172,466	172,466	140,790	91,269	49,521
Wildlife Bureau Mngt & Misc	1,476,832	1,405,378	1,405,378	1,108,437	1,316,084	(207,647)
Total Wildlife Bureau	6,899,838	7,205,059	7,205,059	5,690,642	5,645,406	45,236
FW Division Mngt & Misc	355,869	476,097	476,097	367,335	280,821	86,514
Total FW Division	19,950,233	20,761,728	20,863,640	16,536,033	16,142,555	393,478

Waste Management Assistance Division

Budget Units	FY97 Actual	FY98 O/BDGT	FY98 A/BDGT	FY98 YTD A/BDGT	FY98 YTD Actual	Variance Under(Ovr)
Buy Recycled Business Alliance	0	1,500	1,500	0	0	0
Planning & Grants	138,409	225,863	225,863	174,612	137,525	37,087

Landfill Alternatives	117,871	159,941	159,941	125,302	96,368	28,934
Composting Workshop	13,000	0	0	0	0	0
Waste Mngt Publications	4,240	0	0	0	0	0
Waste Tires Program	38,449	50,188	50,188	39,691	36,143	3,548
Waste Recycling	143,092	252,386	252,386	197,551	193,634	3,917
Household Hazardous Waste Adm	224,322	345,299	345,299	266,224	161,926	104,298
Waste Reduction Assistance	98,623	141,870	141,870	112,088	102,180	9,908
WRAP Team	78,063	0	0	0	0	0
Pollution Prevention (WRAP)	47,414	294,192	294,192	225,679	158,738	66,941
Waste Reduction Program	139,848	30,653	30,653	23,173	9,565	13,608
Solid Waste Reduction Grant	2,553	0	0	0	1,505	(1,505)
Sustainable Conference	0	35,000	35,000	26,290	24,000	2,290
WMA Division Mngt	214,803	244,335	244,335	193,708	196,554	(2,846)
Waste Mngt Assistance Totals	1,260,687	1,781,227	1,781,227	1,384,318	1,118,138	266,180

Mr. Kuhn presented the division reports and budget status.

Discussion took place regarding the process for vendor payment and forthcoming procurement cards.

Charlotte Mohr called attention to an article in the Mississippi Monitor about the high fecal coliform levels at Guttenberg, Quad Cities and downstream and inquired why there was nothing in the budget for coliform studies.

Director Wilson stated that Allan Stokes will address that issue later in the meeting.

INFORMATIONAL ONLY

MCATEE WASTE TIRE STOCKPILE ABATEMENT PROJECT PROGRSS UPDATE

Roya Stanley, Division Administrator, Waste Management Assistance Division, presented the following item.

Project Description

At its February 16, 1998 meeting the Commission approved a contract with Greenman Technologies of Minnesota, Inc. for the removal, processing, and recycling of all waste tires located at the McAtee Stockpile site. This nuisance stockpile of approximately 250,000 waste tires is located near Jefferson, in Greene County. The contract amount is for a total of \$174,875.00, based upon the estimated tire tonnage.

Upon the approval of this contract by the Commission, the contractor provided the Department with appropriate performance bonds and insurance in accordance with requirements set forth by the Department of Revenue and Finance.

Project Status

The contractor began abatement operations at the site on Thursday, April 2nd. Work has progressed during a continual daytime shift, Monday through Friday. Activities conducted on the site are as follows:

- A large, tracked excavating machine with a “grapple” attachment loads waste tires from the pile directly onto semi-trailer trucks for removal from the site.
- The semi-trailer trucks weigh-in at a certified weigh scale in Jefferson and then again at the processor’s facility in Minnesota, as required through the contract to ensure all tires are processed.
- An average of eight (8) semi-trailer loads, or 8,000 tires, are removed daily.
- In total, approximately 25% of all waste tires at the stockpile site have now been removed.
- The contractor expects completion of abatement activities at the site by June 1st, which is one month in advance of the contract’s required completion date of July 1st.

Recycling the Tires

The waste tires removed from the site are being transported to the contractor’s waste tire processing facility located in Savage, Minnesota. At this site the contractor shreds the tires into small “chips” of two inches or less in diameter. These tire chips are then being sent to two facilities for use as a fuel supplement known as tire-derived fuel (TDF). The two end-users and their uses are as follows:

- Holnam Cement, Mason City - Holnam uses the tire chips to mix with coal and iron ore for introduction into their cement kilns, where the chips are used as a fuel and as an actual ingredient in the production of cement mix. Holnam annually consumes the equivalent of over 1.7 million waste tires (almost 60% of Iowa’s annual generation of waste tires).
- OtterTail Power Company, Millbank, South Dakota - OtterTail uses the TDF chips as an 8% fuel additive to coal, in order to produce high heat value for the production of steam to generate electricity. OtterTail serves a power grid of three-states and a Canadian province.

About the Contractor

Greenman Technologies Inc., is a licensed and bonded waste tire processing firm based in Savage, Minnesota. The Department recommended selection of this contractor based upon the following factors:

- The contractor has over 10 years of experience in the waste tire processing industry, recycling over 6 million waste tires per year (Iowa generates a total of 3 million annually).

- The contractor has successfully completed other stockpile abatement projects throughout the Midwest, and has extensive references from state agencies and private firms.
- The contractor's bid of \$70 per ton (approximately \$.70 per tire) for removal was the lowest bid received by the Department through the bidding process for this project.
- Greenman annually processes over 700,000 waste tires from Iowa, through its contracts with tire dealers, auto dealerships, and landfills throughout Northern and Eastern Iowa. The contractor is also a licensed and bonded waste tire hauler within Iowa.

Future Activities

The Department anticipates bringing an additional stockpile abatement contract to the Commission for review and potential approval in June; this contract will be for an abatement project to dismantle four (4) stockpiles in Chickasaw County, all of which were created by Hollis DeVoe.

During fiscal year 1999 the Department will bring a number of stockpile abatement contracts to the Commission for consideration, including a contract for abatement activities at the Don Ervin stockpile site near Otho, located just south of Ft. Dodge

Roya Stanley introduced staff member Mel Pins and noted that he would show a videotape on the cleanup project.

Mr. Pins gave a video presentation showing Channel 5, 8 and 13 evening news coverage on the cleanup effort taking place at the McAtee site. Ms. Stanley noted that of the 250,000 tires there, approximately 50% has been removed. There should be no problem meeting the July 1 deadline.

Rita Venner asked if the money from McAtee was above and beyond the contract.

Ms. Stanley replied that it was part of the contract, adding that their in-kind money was not part of the contract.

Chairman Ehm asked if the per tire cleanup cost will be the same as bid and if future per tire cleanup costs would be the same as this contract.

Ms. Stanley stated that it will be close to what was bid. She related that it will be a good benchmark for future projects, but some may cost more because of different situations.

--- INFORMATION ONLY

PUBLIC PARTICIPATION

Debbie Neustadt (Ch. 28 air quality rules)

Debbie Neustadt, Sierra Club, distributed copies of her statement and a booklet with copies of newspaper articles pertaining to Chapter 28, standards for ozone and PM2.5. She told the Commission that because of the public health impact of these substances she is urging them to have a public comment period and eventually adopt the standards. She noted that EPA's Air/Science Advisory Committee recommended the adoption of a fine particulate standard, due to the evidence that they associated fine particulates with an increased rate of respiratory illness and premature mortality. She expanded on the expertise of the advisory committee and their duties. Ms. Neustadt provided statistics and results of other community health studies indicating that particle concentrations in the air contribute to adverse health effects. She again urged the Commission to let the rules go out to public comment and to adopt them when they come up again for adoption.

Chris Gault (PM 2.5 standards)

Chris Gault, Iowa Farm Bureau Federation, stated that although she does not doubt the health effects of PM2.5 there is some difficulty in translating how to regulate it to reduce that matter into the real world of how to measure 2.5 accurately, and what impact it is going to have on agriculture. She reviewed that in March she spoke to the Commission about the Highway Appropriations Bill and it is currently in conference committee and has not been acted on at this point. All of the highway funds are being held up for that bill. She noted that the PM amendment that was also discussed in March and is still a part of the conference bill. She related that the amendment delayed the rules for three years to enable the research to catch up with the regulation. Ms. Gault stated that there is a conflict between what Region 7 is saying and what EPA in D.C. is saying as far as meeting the timelines. She distributed copies of a briefing sheet that was handed out by EPA on air quality standards and pointed out on the last page it lists 1999 as EPA designating unclassifiable areas. She noted that she was told last week that states are not required to meet in order for EPA to do this. Ms. Gault said Region 7 and EPA in D.C. need to get together to figure out what the timelines really are, as it seems like people are getting some faulty information. She reiterated there is still concern about what impact the rules will have on agriculture.

LANDFILL ALTERNATIVES FINANCIAL ASSISTANCE PROGRAM REPORT

Roya Stanley, Division Administrator, Waste Management Assistance Division, presented the following item.

A request for information regarding the Landfill Alternatives Financial Assistance Program was made at the Commission's March meeting. The following provides a response to that request.

1. Information on the success/failure rate of the grant and loan awards made to date.

- From 1988 through April 1998, \$31,302,539 has been awarded to 240 projects. This includes ten (10) Composting Initiatives awards and eight (8) targeted project awards.

- 228 projects are either successfully in operation today or in the case of study, analytical or demonstration projects, were successfully completed.
- Six (6) projects not in operation today successfully fulfilled contract obligations. These projects represent 2.5% of the total project awards and 3% of the total funds awarded.
- Six (6) projects not in operation today failed to fulfill contract obligations by remaining operational for a period of five years after contract expiration. These projects represent 2.5 % of the total project awards and 2.4% of the total funds awarded. In these cases, the Department was entitled to reimbursement for funds awarded to the project.
- It is estimated that cumulatively over 1.5 million tons have been diverted from Iowa landfills as a direct result of the Landfill Alternatives Financial Assistance Program since 1988. A survey of financial assistance recipients indicates approximately 200,000 tons more were recycled in 1996 after receiving an award than was recycled in the year prior to receiving an award. Similarly, estimates show that approximately 29 million tons of solid waste have been landfilled over this same time frame.
- Several projects awarded funds have been replicated in other areas of the state. Examples of project replication include: several recyclable collection and processing operations, the storm labeling education project on proper disposal of household hazardous materials, and combustion of tire derived fuel projects following the tire derived fuel feasibility project.
- Review of similar programs in surrounding midwest states suggest that Iowa has the most stringent project tracking requirements during and after contract expiration. Additionally, most other midwestern states have no formal process to deal with tangible assets in the event a project fails after contract expiration.

(Attachment A has greater detail on projects no longer in operation.)

2. Client feedback about the financial assistance program.

- The Waste Management Assistance Division held 5 focus groups in locations across the state to receive stakeholder input about the Landfill Alternatives Financial Assistance Program and recycling technical assistance program. Stakeholders offered the following:
 1. The Landfill Alternatives Program has been and continues to be a valuable and useful program;
 2. There are many examples of projects that could not have been undertaken without this financial and technical assistance; and
 3. Benefits of funded projects includes job creation (permanent and temporary), and a heightened awareness of solid waste issues by citizens and businesses.
- The Waste Management Assistance Division also conducted a survey of financial assistance recipients. Responses by survey respondents showed the following:
 1. Financial assistance for education projects should remain grant eligible;

2. The greatest need for financial assistance includes:
 - equipment replacement/upgrade
 - new markets
 - additional/different collection vehicle
 - building modifications
 - more/larger containers
 - additional employees
 - continued and increased education for all ages
- Also reported by survey respondents, recycling collection and processing efficiency improvements have benefited the recipient's economic "bottom line" and the amount of materials recovered. (Examples include Carroll County Solid Waste Management Commission, Scott Area Solid Waste Management Commission, City of Bettendorf, and Northwest Iowa Area Solid Waste Agency.)
- In addition, survey respondents replied that although difficult to directly attribute increased recycling participation or landfill diversion to education programs, there have been increases in these areas when a strong education program is implemented. (Example projects include Marshall and Hardin Counties, Union County, Van Buren County, East Central Iowa Council of Governments and University of Northern Iowa.). Marshall County reports that their landfill reduction rose from 25% in 1995 to 36% in 1996 which they largely attribute to the strong public education program. The other education programs are early in the implementation stage for meaningful landfill diversion estimates.
- The Waste Management Assistance Division is currently establishing an advisory committee to provide input on the direction of the division's financial assistance programs (Landfill Alternatives Financial Assistance Program and Household Hazardous Materials Program). It is anticipated that the advisory committee will first convene in mid-June. The goal is to establish integrated financial assistance programs with specific, measurable investment objectives which can best serve our clients. The advisory committee will provide on-going feedback and recommendations on the programs. Among the list of several topics to be discussed are instituting an open application period and pre-proposal process, requiring a completed business plan, targeting specific solid waste materials, or targeting planning areas that have not met the 25% reduction goal.

3. Education considerations.

- The Waste Management Assistance Division in conjunction with the Iowa Recycling Association hosted a recycling education coordinators roundtable session at the state recycling conference in the Fall of 1997. More than 40 education coordinators attended. Participants discussed their current needs and began developing recommendations to develop a state-wide education strategy. Recommendations regarding the development of this strategy included the following:

1. A formal networking infrastructure must be established to provide regional networking opportunities among coordinators and to identify markets for recyclables.
 2. Educational resources (school curriculum, lesson plans, videos, printed materials, etc.), and case summaries of successful education and recycling projects must be developed.
 3. Media relations training and effective communication skills training to develop and articulate a consistent state educational message on recycling must be developed.
 4. Public and private partnerships and networks including local, state, national and business and industry must be developed and sustained to maintain waste reduction and recycling progress.
- The Commission recently approved funding to the Iowa Recycling Association to coordinate statewide recycling education activities over a three year period. Specific activities include identifying and assessing the recycling education needs of Iowa's education coordinators, evaluating market development needs, and developing and promoting a statewide coordinated message on waste reduction and recycling. The Department, the Iowa Recycling Association, education coordinators and other partners will work closely to formally develop and promote a unified waste reduction and recycling education message.
 - Education was also identified as an on-going critical need through three forums, these include: statewide stakeholders meeting, Landfill Alternatives Financial Assistance Program survey, and the Waste Management Monitoring Committee.
 1. Stakeholders showed general approval of the shift in the program from grants to zero interest loans but most suggested that there is a continuing need for some grants, especially for education.
 2. The Landfill Alternatives Financial Assistance Program survey indicated:
 - ✓ Education is a critical factor in successful solid waste management programs;
 - ✓ Newsletters, brochures, presentations, newspapers and school programs were most often cited as the method survey respondents use to educate their customers;
 - ✓ Survey respondents indicated that a concerted effort is needed in the area of public education;
 3. The Waste Management Monitoring Committee report included the following comments regarding education:
 - ✓ "Sustaining waste reduction and recycling will require a much greater awareness on the part of the citizenry-making the linkage between individual actions, impact upon the environment, conservation of resources, and progress toward goals. This will require greater investment and partnership in "waste reduction and recycling education."

- The following table has a breakdown of education project awards since 1988, as percentage of total awards:

Awards	Total Funds Awarded	% of Total Funds Awarded
240 project awards -- all project types	\$31,302,539	100%
Education projects only (includes on-going education programs, study and demonstration projects) with the following breakdown:		
25 awards for "traditional" on-going education projects	\$1,738,691	5.6%
7 awards for study, research and analysis projects	\$1,441,400	4.6%
	\$297,291	1.0%

(Attachment B provides additional information on education related projects awarded to date).

ATTACHMENT A

Projects that ceased operations but successfully fulfilled contract obligations:

The six (6) projects which are no longer in operation that successfully fulfilled contract obligations are described below. These projects represent 2.5% of the total project awards and 3% of the total funds awarded.

Recipient	Award Amount
Waste Resource Recycling	200,000
RoseBar Tire Shredding	365,550
Cedar County Work Activity Center	130,000
NCS Plastics	71,876
Delaware County Recycling Center	110,363
Blueberry Plastic Mill Corporation	100,000
TOTAL	<u>\$977,789</u>

The companies are no longer in operation due to:

Waste Resource Recycling	Operational difficulties, uncertain material quantities
RoseBar Tire Shredding	Operational difficulties
Cedar County Work Activity Center	Low market prices, non-profit, Kirkwood Community

	College now owns and operates but did not continue the recycling operation
NCS Plastics	Competing with low virgin market prices, management difficulties
Delaware County Recycling Center	Landfill sold and recycling privatized
Blueberry Plastic Mill Corporation	Competing with low virgin market prices, management difficulties

Projects that ceased operations prior to fulfilling contract obligations:

These six (6) projects represent 2.5 % of the total project awards and 2.4% of the total funds awarded.

Recipient	Award Amount
Creston Greenhouse	44,000
Recycling Services Associates, LTD	255,000
HON INDUSTRIES	190,000
Humboldt Workshop, Inc.	38,182
Blueberry Plastic Mill Corporation	187,500
CMET	46,530
TOTAL	<u>\$761,212</u>

The companies are no longer in operation due to:

Creston Greenhouse	Operational difficulties
Recycling Services Associates LTD	Equipment fire coupled with lack of operating capital
HON INDUSTRIES	Project successful with the exception of wood waste used
Humboldt Workshop, Inc.	Recycling privatized, low market prices, non-profit
Blueberry Plastic Mill Corporation	Competing with low virgin market prices, management difficulties
CMET	Discontinued tire business, small part of the company's core business

Reimbursement of program funds:

If a project ceases operations prior to five (5) years after the expiration of the contract, the project is considered to have failed and the Department is entitled to reimbursement of awarded funds. The amount of reimbursement is based upon the value of the assets and the percentage of program funds awarded for the purchase or construction of those assets. In the case where assets are sold to another Iowa recycler and will be used for their intended purpose, the Department has not sought reimbursement. Written confirmation from the "buyer" is required. In addition, a Uniform Commercial Code Financing Statement is filed with the Office of the Secretary of State on each project awarded funds involving the purchase or construction of tangible assets.

Reimbursement for projects that ceased operations prior to five (5) years after expiration of the contract:

- Creston Greenhouse (assets liquidated, no reimbursement possible)
- Recycling Services Associates, LTD (assets liquidated, no reimbursement possible)
- HON INDUSTRIES (\$57,510 reimbursement received)
- Blueberry Plastic Mill Corporation (assets liquidated, no reimbursement possible)
- Humboldt Workshop, Inc. (pending disposition of equipment)
- CMET (pending disposition of equipment)

Projects that are operating at less than anticipated capacity:

Recipient	Award Amount
Great River Regional Waste Authority	200,800
Iowa Waste Systems (NISHNA)	200,000
Comprehensive Systems, Inc.	181,778
Great River Regional Waste Authority	195,185
Comprehensive Systems, Inc.	145,000
TOTAL	<u>\$922,763</u>

The companies' operations have been reduced due to:

Great River Regional Waste Authority	Financial difficulties, flow control issues
Iowa Waste Systems (NISHNA)	Recycling services cut back from 4 counties to 2 counties
Comprehensive Systems, Inc.	Limited recycling continues, balance of recycling privatized
Great River Regional Waste Authority	Financial difficulties, flow control issues
Comprehensive Systems, Inc.	Limited recycling continues, balance of recycling privatized

ATTACHMENT B

Table 1 summarizes, by funding round, the number of projects and award amounts for all projects awarded funding that are categorized as education projects. The dollar amounts awarded for educational projects are reflected below.

They are reflected in two tables: Table 2) "traditional" educational projects which would include funding of waste reduction and recycling education coordinators, education outreach and development tools, municipal solid waste management tools, and market development projects and Table 3) "evaluation" educational projects which include: pilot projects, feasibility studies and analyses, surveys and research (Table 3).

All Education Project Awards:*Table 1*

Round	# Awarded	Dollars Awarded
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December 1997	4	346,424
June 1997	2	89,373
December 1996	4	124,507
June 1996	3	380,314
December 1995	6	412,384
June 1995	2	99,538
December 1994	1	49,662
June 1992	1	20,019
December 1990	1	13,520
June 1990	1	18,000
December 1989	3	47,350
June 1988	3	62,600
Bettendorf Targeted	1	75,000
TOTALS	32	<u>\$1,738,691</u>
% of Total Awards	13.3%	5.6%

“Traditional” Education Project Awards*Table 2*

Round	# Awarded	Dollars Awarded
December 1997	4	346,424
June 1997	2	89,373
December 1996	4	124,507
June 1996	3	380,314
December 1995	4	204,413
June 1995	1	78,968
December 1994	1	49,662
June 1992	1	20,019
December 1990	1	13,520
June 1990	0	0
December 1989	2	44,200
June 1988	1	15,000
Bettendorf Targeted	1	75,000
TOTALS	25	<u>\$1,441,400</u>
% of Total Awards	10.4%	4.6%

“Evaluation” Education Projects*Table 3*

Round	# Awarded	Dollars Awarded
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December 1997	0	0
June 1997	0	0
December 1996	0	0
June 1996	0	0
December 1995	2	207,971
June 1995	1	20,570
December 1994	0	0
June 1992	0	0
December 1990	0	0
June 1990	1	18,000
December 1989	1	3,150
June 1988	2	47,600
Bettendorf Targeted	0	0
TOTALS	7	<u>\$297,291</u>
% of Total Awards	2.9%	1.0%

Education Projects

Recipient	Award Amount	Grant Amount
Bettendorf Public Works Department	\$75,000	\$75,000
Bi-State Regional Commission	\$78,930	\$78,930
Bluestem Solid Waste Agency	\$65,464	\$65,464
Buchanan County Conservation Board	\$26,150	\$26,150
Center for Energy and Environmental Education	\$31,025	\$31,025
Creative Composting Concepts	\$47,747	\$47,747
East Central Iowa Council of Governments (ECICOG)	\$13,520	\$13,520
East Central Iowa Council of Governments (ECICOG)	\$20,019	\$20,019
East Central Iowa Council of Governments (ECICOG)	\$20,570	\$20,570
Floyd-Mitchell Co. Solid Waste Management Agency	\$32,560	\$32,560
Grinnell 2000 Foundation	\$18,000	\$18,000
Harrison County Landfill Commission	\$1,814	\$1,814
Howard County Conservation Board	\$36,032	\$36,032
Iowa Department of General Services	\$47,000	\$47,000
Iowa Northland Regional Council of Governments	\$15,045	\$15,045
Iowa Northland Regional Council of Governments	\$74,328	\$74,328
Iowa Recycling Association	\$193,597	\$193,597
Iowa State University Agronomy Department	\$57,025	\$57,025
Iowa State University Civil Engineering Department	\$150,946	\$150,946
Iowa Valley Continuing Education	\$78,968	\$78,968
Jendro Sanitation Service	\$26,000	\$26,000
Kirkwood Community College	\$90,135	\$90,135
Metro Waste Authority	\$25,000	\$25,000

Ottumwa-Wapello County Solid Waste Commission	\$49,662	\$49,662
Shive-Hattery Engineers	\$3,150	\$3,150
Siouxland Interstate Metropolitan Planning Council	\$19,200	\$19,200
South Central Iowa Solid Waste Agency	\$269,400	\$269,400
Southwest Iowa Planning Council (SWIPCO)	\$21,600	\$21,600
Tellus Institute	\$78,354	\$78,354
Union County Landfill Commission	\$33,200	\$33,200
Van Buren County Solid Waste Management Comm.	\$24,250	\$24,250
West Des Moines/Urbandale, Cities of	\$15,000	\$15,000
Total	<u>\$1,738,691</u>	<u>\$1,738,691</u>

The following is a list of project awards by project type from 1988 through February 1998.

Waste Reduction Projects

Recipient	Award Amount	Grant Amount
Aging Resources of Central Iowa	\$113,846	\$113,846
Area XIV Agency on Aging	\$3,840	\$3,840
Area XIV Agency on Aging	\$7,520	\$7,520
Area XIV Agency on Aging	\$9,275	\$9,275
Brief Encounters Laundry Service	\$119,673	\$119,673
Cass County Memorial Hospital	\$36,830	\$36,830
Changing Time Diaper Service	\$68,628	\$68,628
Elderbridge Agency on Aging	\$34,048	\$34,048
Elderbridge Agency on Aging	\$87,232	\$87,232
Great River Bend Area Agency on Aging	\$3,600	\$3,600
Great River Bend Area Agency on Aging	\$6,166	\$6,166
Great River Bend Area Agency on Aging	\$28,648	\$28,648
Hawkeye Valley Area Agency on Aging	\$23,652	\$23,652
Hawkeye Valley Area Agency on Aging	\$46,485	\$46,485
Heritage Area Agency on Aging	\$26,200	\$26,200
Iowa Department of General Services	\$101,923	\$101,923
NorthLand Area Agency on Aging, Inc.	\$15,266	\$15,266
Northwest Aging Association	\$6,293	\$6,293
Scenic Valley Area VIII Agency on Aging	\$7,033	\$7,033
Seneca Area Agency on Aging	\$50,320	\$50,320
Southwest 8 Senior Services, Inc.	\$2,424	\$2,424
Southwest 8 Senior Services, Inc.	\$3,849	\$3,849
Southwest 8 Senior Services, Inc.	\$6,114	\$6,114
Southwest 8 Senior Services, Inc.	\$10,501	\$10,501
Totals	<u>\$819,366</u>	<u>\$819,366</u>

Research and Development Projects

Recipient	Award Amount	Grant Amount	Loan Amount
Ames Technologies, Inc.	\$175,000	\$175,000	
Ames Technologies, Inc.	\$195,000	\$195,000	
BioFuels Corporation	\$60,981	\$60,981	
Bioengineering Resources, Inc.	\$592,680	\$592,680	
Creative Composting Concepts	\$56,768	\$56,768	
Interpoll Laboratories	\$31,500	\$31,500	
Iowa State University, Forestry Dept.	\$163,346	\$163,346	
Iowa Waste Systems, Inc.	\$169,800	\$132,000	\$37,800
Kirkwood Community College	\$11,688	\$11,688	
Klean Sand	\$300,000	\$300,000	
Scott Area Solid Waste Management Comm.	\$14,615	\$14,615	
UT Tire Recycling	\$448,993	\$358,170	\$90,823
Total	<u>\$2,220,371</u>	<u>\$2,091,748</u>	<u>\$128,623</u>

Demonstration Projects

Recipient	Award Amount	Grant Amount	Loan Amount
BFC Gas and Electric, L.C.	\$326,850	\$88,740	\$238,110
Bluestem Solid Waste Agency	\$493,525	\$493,525	
Christy Corporation	\$294,732	\$274,732	\$20,000
Corell Contractor, Inc.	\$483,000	\$483,000	
Moulded Fibre Technology	\$350,000	\$350,000	
Scranton Manufacturing Co., Inc.	\$214,422	\$26,528	\$187,894
South Central Iowa Landfill Agency	\$39,860	\$39,860	
Total	<u>\$2,202,389</u>	<u>\$1,756,385</u>	<u>\$446,004</u>

Recycling and Reuse Projects

Recipient	Award Amount	Grant Award	Loan Award
ABC Plastics	\$57,749		\$57,749
ABC Plastics	\$93,000	\$93,000	
Adair County Sanitary Landfill Commission	\$186,065		\$186,065
Addoco, Inc.	\$92,568		\$92,568
Advanced Recycling Systems, Inc.	\$22,384	\$22,384	
Advanced Tool and Plastics Engineering	\$81,000	\$81,000	

Allamakee County Solid Waste Agency	\$52,292	\$52,292	
Ames Area Recycling Center	\$22,000	\$22,000	
Andrew Pallet Company, Inc.	\$100,000	\$100,000	
Artistic Waste Services, Inc.	\$298,550	\$149,275	\$149,275
Association of Public Justice	\$9,000	\$9,000	
B & B Bedding	\$92,000	\$92,000	
BES Industrial Service, Inc.	\$197,293		\$197,293
BES Industrial Service, Inc.	\$283,500	\$283,500	
Bettendorf Public Works Department	\$300,000	\$300,000	
BioFuels Corporation	\$72,152	\$72,152	
Blueberry Plastic Mill Corporation	\$100,000	\$100,000	
Blueberry Plastic Mill Corporation	\$187,500	\$187,500	
Bluestem Solid Waste Agency	\$211,047	\$211,047	
Boone County Work Activity Center	\$213,000	\$213,000	
Bremer County Board of Supervisors	\$230,500	\$230,500	
Buena Vista Work Activity Center	\$136,150	\$136,150	
Carroll County Solid Waste Management Comm.	\$29,250		\$29,250
Carroll County Solid Waste Management Comm.	\$83,700	\$83,700	
Carroll County Solid Waste Management Comm.	\$181,600	\$181,600	
Carroll County Solid Waste Management Comm.	\$267,765	\$267,765	
Carroll County Solid Waste Management Comm.	\$400,000		\$400,000
Cass County Environmental Control Agency	\$72,00	\$72,000	
Cedar County Work Activity Center	\$130,000	\$130,000	
Cedar Rapids Community School District	\$81,498	\$81,498	
Cedar River Paper Company	\$300,000	\$300,000	
Celotex Corporation, The	\$484,760		\$484,760
Cherokee County Solid Waste Commission	\$83,758		\$83,758
Cherokee County Solid Waste Commission	\$375,000	\$375,000	
City Carton Company, Inc.	\$98,000	\$98,000	
Coe College	\$10,390	\$10,390	
Comprehensive Systems, Inc.	\$145,000	\$145,000	
Comprehensive Systems, Inc.	\$181,778	\$181,778	
Controlled Materials Equipment Transportation	\$46,530	\$46,530	
Coon Rapids, City of	\$7,435	\$7,435	
Coralville, City of	\$13,080	\$13,080	
Corkery Recycling Services	\$292,800	\$292,800	
Cox Sanitation and Recycling	\$293,624	\$293,624	
Creston Sanitation, Inc.	\$196,005	\$196,005	
Creston Sanitation, Inc.	\$215,800	\$215,800	
DAC, Inc.	\$73,000	\$73,000	
Dallas County Environmental Health Department	\$146,689	\$146,689	
Davenport Compost Facility	\$300,000	\$300,000	
Delaware County Recycling Center	\$110,363	\$110,363	
Denny Berger	\$11,500	\$11,500	
Des Moines County Regional Solid Waste Comm.	\$155,000	\$155,000	

Dodds Trash Hauling & Recycling	\$20,760	\$20,760	
Dubuque Metropolitan Area Solid Waste Agency	\$274,650	\$274,650	
Environmental Recycling Company, Inc.	\$140,000	\$140,000	
Environmental Recycling Corporation	\$270,900	\$270,900	
Environmental Resources of Clayton County, Inc.	\$21,802	\$21,802	
Estherville Pallet Company	\$164,652	\$164,652	
Fareway Stores	\$91,960	\$91,960	
Farmington, City of	\$4,895	\$4,895	
Fayette County Solid Waste Management Comm.	\$106,605	\$106,605	
Fayette County Solid Waste Management Comm.	\$152,937	\$152,937	
FlaBro Plastics, Inc.	\$22,180	\$22,180	
Fort Dodge, City of	\$275,760	\$275,760	
Genesis Development	\$168,840	\$168,840	
Geode Wonderland RC&D	\$20,500	\$20,500	
Gerald and Sandy's Recycling Center	\$12,000	\$12,000	
Great River Regional Waste Authority	\$102,625		\$102,625
Great River Regional Waste Authority	\$195,185	\$195,185	
Great River Regional Waste Authority	\$200,800	\$200,800	
Grinnell, City of	\$71,000	\$71,000	
Guthrie County Solid Waste and Recycling Agency	\$158,839	\$158,839	
H&H Recycling	\$152,471	\$152,471	
HON Industries	\$190,000	\$190,000	
Harrison County Landfill Commission	\$50,130	\$50,130	
Horizons Unlimited of Palo Alto County, Inc.	\$205,420	\$205,420	
Horizons Unlimited of Palo Alto County, Inc.	\$272,093	\$272,093	
Howard Activity Center/Sac Area Recycling Center	\$150,000	\$150,000	
Howard County Department of Waste Management	\$104,971	\$104,971	
Howard County Department of Waste Management	\$146,214	\$146,214	
Humboldt Workshop, Inc.	\$38,182	\$38,182	
Hy-Line International	\$300,000	\$300,000	
Hy-Line International	\$507,321	\$350,046	\$157,275
Ida County Sanitary Landfill	\$88,448	\$88,448	
Innovative Industries, Inc.	\$14,300		\$14,300
Iowa Gold Distributing	\$123,972	\$123,972	
Iowa Plastics, Inc.	\$94,300	\$94,300	
Iowa Waste Systems, Inc.	\$200,000	\$200,000	
Jendro Sanitation Service	\$63,985	\$4,275	\$59,710
Johnson County Recycling Center	\$64,536	\$64,536	
Johnson County Recycling Center	\$104,376	\$104,376	
Kossuth County Sanitary Landfill	\$188,847	\$188,847	
Landfill of North Iowa	\$230,000		\$230,000
Mahaska County Solid Waste Management Comm.	\$163,422	\$163,422	
Mar-Rob Enterprises	\$45,639	\$45,639	
Marian Health Center	\$75,350	\$75,350	
Mason City Recycling Center, Ltd.	\$125,600	\$125,600	

Mason City Recycling Center, Ltd.	\$127,270	\$127,270	
Mason City, City of	\$123,596	\$123,596	
Metro Waste Authority	\$37,483	\$37,483	
Milford Kiwanis	\$22,495	\$22,495	
Monona County Solid Waste Agency	\$47,250	\$47,250	
Monona County Solid Waste Agency	\$78,300	\$78,300	
Mount Mercy College	\$3,069	\$3,069	
NCS Plastics	\$71,876	\$71,876	
Northwest Iowa Area Solid Waste Agency	\$84,395	\$84,395	
Northwest Iowa Area Solid Waste Agency	\$163,500	\$163,500	
Ottumwa-Wapello County Solid Waste Commission	\$256,000	\$256,000	
Pro Cooperative	\$31,572	\$31,572	
R&D Recycling	\$22,455	\$22,455	
Rathbun Area Solid Waste Management Comm.	\$107,350	\$107,350	
Rathbun Area Solid Waste Management Comm.	\$117,400	\$117,400	
Rathbun Area Solid Waste Management Comm.	\$141,000		\$141,000
Recycling Services Associates LTD	\$255,000	\$255,000	
Riverside Pallets	\$150,840	\$150,840	
RoseBar Tire Shredding Center, Inc.	\$365,550	\$365,550	
Scott Area Solid Waste Management Commission	\$300,000	\$300,000	
Shine Bros. Corporation	\$475,391	\$331,245	\$144,146
Sioux City, City of	\$300,000	\$300,000	
Siouxland Mat Company	\$150,450		\$150,450
Siouxland Recovery	\$160,200	\$160,200	
Skyline Center, Inc.	\$118,170	\$118,170	
Spectrum Industries	\$1,215	\$1,215	
Spectrum Industries	\$22,720		\$22,720
Spectrum Industries	\$30,690	\$30,690	
Spectrum Industries	\$68,380	\$68,380	
Stever's City Sanitation, Inc.	\$154,539	\$154,539	
Stickle Salvage Feed, Inc.	\$185,520		\$185,520
Tasler Pallet	\$312,750		\$312,750
Tenneco	\$150,000	\$150,000	
Tom Schechinger	\$10,115	\$10,115	
Veteran Affairs Medical Center	\$16,273	\$16,273	
Vradenburg Enterprises	\$80,000	\$80,000	
W.G. Block Company	\$90,498		\$90,498
WACO, Inc.	\$24,500	\$24,500	
Walnut Sanitation	\$5,000	\$5,000	
Waste Resource Recycling	\$200,000	\$200,000	
Winneshiek County Board of Supervisors	\$325,174		\$325,174
Winneshiek County Solid Waste Agency	\$8,052	\$8,052	
Woodbury County Area Solid Waste Agency	\$126,063	\$126,063	
Total	<u>\$19,450,643</u>	<u>\$15,905,757</u>	<u>\$3,616,886</u>

Composting Projects

Recipient	Award Amount	Grant Amount	Loan Amount
Bluestem Solid Waste Agency	\$340,758	\$150,000	\$190,758
Buena Vista Co. Solid Waste Commission	\$90,830	\$90,830	
Buena Vista Co. Solid Waste Commission	\$109,296	\$109,296	
Buena Vista Co. Solid Waste Commission	\$143,710		\$143,710
Clinton County Area Solid Waste Agency	\$453,053	\$453,053	
Davenport, City of	\$215,789	\$215,789	
Davenport, City of	\$300,000	\$300,000	
Iowa State Men's Reformatory	\$86,376	\$86,376	
Iowa State University Physical Plant	\$33,400	\$33,400	
Keokuk, City of	\$40,500	\$40,500	
Landfill of North Iowa	\$140,000	\$140,000	
Marshalltown, City of	\$150,000	\$150,000	
Metro Waste Authority	\$488,235	\$488,235	
New Melleray Abbey	\$101,275	\$101,275	
Organic Technologies Corporation	\$246,000	\$246,000	
Postville, City of	\$23,380	\$23,380	
ProEarth Environmental	\$468,890	\$150,000	\$318,890
RC&D For Northeast Iowa	\$70,524	\$70,524	
Scott Area Solid Waste Management Comm	\$313,750	\$313,750	
Sioux City, City of	\$193,685	\$193,685	
Total	<u>\$4,009,451</u>	<u>\$3,356,093</u>	<u>\$653,358</u>

Combustion With Energy Recovery

Recipient	Award Amount	Grant Amount	Loan Amount
Creston Greenhouse	\$44,000	\$44,000	
Holnam, Inc.	\$220,000	\$220,000	
R.S. Bacon Veneer Company	\$289,936		\$289,936
Simonsen Industries, Inc.	\$107,804	\$107,804	
Stuhr Enterprises, Inc.	\$46,888	\$46,888	
Total	<u>\$708,628</u>	<u>\$418,692</u>	<u>\$289,936</u>

Combustion for Volume Reduction

Recipient	Award Amount	Grant Amount	Loan Amount
Animal Rescue League of Iowa, Inc.	\$68,000	\$68,000	
Total	<u>\$68,000</u>	<u>\$68,000</u>	

Ms. Stanley distributed maps showing the number of projects served in each county along with a packet on the program as a whole, listing statistics, backup information, etc. She related that only six projects failed to fulfill their contractual obligations to operate for five years. There were also six who failed after the five year period. She pointed out that 1.5 tons have diverted from the landfill as a result of these investments. She noted that compared to other states Iowa has one of the more rigorous programs in tracking and monitoring. Ms. Stanley stated that 5.6% of the \$31,000,000 in awards has gone for education, adding that this analysis will be helpful in determining how much more to put into education.

Rita Venner asked what recourse is taken when a facility fails to fulfill their obligation.

Ms. Stanley stated that if it occurs within five years the department can recover the equipment and any money available.

Discussion followed regarding HON Industries project in 1990 and failure of that project; estimates on how many landfills will reach the 50% reduction goal by 2000; amount charged for tipping fees at landfills; and which markets are holding stable.

The Commissioners commended Ms. Stanley's on this report noting that it was very well done and very informative.

INFORMATIONAL ONLY

LANDFILL ALTERNATIVES FINANCIAL ASSISTANCE PROGRAM APPLICATION - FILTER RECYCLING, INC.

Roya Stanley, Division Administrator, Waste Management Assistance Division, presented the following item.

I. Project Description

This project would allow Filter Recycling, Inc., a used oil filter processor in Cherokee, Iowa, to purchase, install and operate a continuous flow, high temperature, heat cleaning oven that extracts 100% of used oil from used oil filters thereby producing a clean high quality scrap steel ready for market. Filter Recycling, Inc. is currently processing used oil filters at the rate of 2 million a year. Their capacity would increase to 20 million with the new oven. This would allow them to accept potentially all of the used oil filters generated in Iowa (currently 6.6 million a year) as well as marketing their services to states surrounding Iowa.

This project would also result in a dramatic increase in recycling of the residual oil in the filters. Although landfill disposal of used oil is currently banned in Iowa, used oil filters, even when properly punctured and drained as recommended by EPA, could still contain as much as an ounce of oil that is held in the paper filter medium. This residual oil could then pose a threat to Iowa's groundwater by leaching out when disposed of in a landfill. The additional used oil filter capacity gained through this project would reduce that risk considerably.

II. Benefits to the state

This project expansion would greatly expand the processing capacity for used oil filters in Iowa. The end result of this project should be that more used oil and used oil filters are recycled instead of being sent to landfills. This increase in capacity should also result in a reduced cost for the proper management of used oil filters to the generator (commercial or Do-It-Yourselfer). This development of infrastructure for the processing of used oil filters will also be key in providing for cost-effective filter processing should a landfill ban on used oil filters be enacted in Iowa in the future.

III. Benefits to Filter Recycling, Inc.

Filter Recycling, Inc. would have an increased processing capacity as well as increased potential for profit as a result of this project. Oil vapor generated by the cleaning process will be captured, condensed and marketed as a cutting oil providing an additional source of revenue. Air emissions would be reduced by recapturing the oil vapor thereby reducing costly emission controls.

IV. Award amount

The total cost for the proposed project would be \$1,365,975 with a DNR cost share of \$395,000. The local match would be the remaining \$970,975. The DNR portion would be split between a grant in the amount of \$275,000 and a loan in the amount of \$120,000. This is summarized in the table below:

DNR Grant	\$275,000
DNR Loan	\$120,000
Local Match	\$970,975
Total Project Cost	\$1,365,975

V. Decision Item

The contract for this project will be brought before the Commission as a decision item in June.

Ms. Stanley reviewed details of the project and noted it will come before the Commission at the June meeting for approval of the contract.

Rozanne King asked how one entity can service the whole state.

Ms. Stanley explained that this project would serve the western part of the state and potentially take in part of Minnesota, South Dakota, and Nebraska from a transportation perspective. She noted that there is an operator with the older equipment in the eastern part of the state.

Brief discussion followed.

Ms. Stanley noted that she left a packet of information on the Waste Management Assistance program, including a Rol-O-Dex card, at each Commissioners place. She related that she is thinking of this as a work in progress to be added to over time, and to be given to new Commissioners.

INFORMATIONAL ONLY

MONTHLY REPORTS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The following monthly reports are enclosed with the agenda for the Commission's information.

1. Rulemaking Status Report
2. Variance Report
3. Hazardous Substance/Emergency Response Report
4. Enforcement Status Report
5. Contested Case Status Report

Members of the department will be present to expand upon these reports and answer questions.

RULEMAKING STATUS REPORT

May 1, 1998

Proposal	Notice to Comm	Notice Publish	Rules Review Comm	Hearing	Final Summary to Comm	Rules Adopted	Rules Publish	Rules Review Comm	Rule Effective
1. Ch. 20, 22 and 23 - AQ Case-by-Case MACT	5/18/98	*6/17/98	*7/6/98	*7/ /98	*8/17/98	*8/17/98	*9/9/98	*10/5/98	*10/14/98
2. Ch. 20, 22 and 23 - AQ Case-by-Case MACT	_____	_____	_____	EMERGENCY	5/18/98	*5/18/98	*6/17/98	*7/06/98	*7/22/98
3. Ch. 22 - Air Quality Permits	2/16/98	3/11/98	4/13/98	4/10/98	*6/15/98	*6/15/98	*7/15/98	*8/10/98	*8/19/98
4. Ch. 22 and 23 - NESHAPS Acid Rain Exemptions and Primary Aluminum Reduction Plants	5/18/98	*6/17/98	*7/6/98	*7/ /98	*8/17/98	*8/17/98	*9/9/98	*10/5/98	*10/14/98
5. Ch. 22, 23, and 25, Hospital, Medical and Infectious Waste Incinerators, and Municipal Waste Combustors	3/16/98	4/08/98	5/04/98	*5/25/98	*6/15/98	*6/15/98	*7/15/98	*8/10/98	*8/19/98
6. Ch. 28 - Revised NAAQS	5/18/98	*6/17/98	*7/6/98	*7/ /98	*8/17/98	*8/17/98	*9/9/98	*10/5/98	*10/14/98
7. Ch. 92 - State Revolving Fund	1/20/98	2/11/98	3/09/98	3/03/98	4/20/98	4/20/98	*5/20/98	*6/09/98	*6/24/98
8. Ch. 103 - Solid Waste Rules	4/20/98	*5/20/98	*6/8/98	*6/11/98	*7/13/98	*7/13/98	*8/12/98	*9/7/98	*9/16/98

VARIANCE REPORT
April 1998

10	Marcus, City of	Wastewater Construction	Pond Influent Piping	Approved	04/29/98
11	Marcus, City of	Wastewater Construction	Inter-Cell Control Structures	Approved	04/29/98
12	Marcus, City of	Wastewater Construction	Subsurface Drainage System	Approved	04/29/98
13	Unionville, City of (Rathbun Regional Water Association)	Wastewater Construction	Sewer Grade	Denied	04/23/98
14	McCormick Wetland Dam-Lucas County	Flood Plain	Minimum Offset	Approved	04/23/98
15	Squaw Creek Bike Trail Pedestrian Bridge-Ames	Flood Plain	Freeboard	Approved	04/25/98
16	Equistar Chemicals, L.P.-Clinton	Wastewater Operation	Monitoring Frequency	Approved	04/06/98
17	Lansing, City of-South Front Street-Phase II Reconstruction	Solid Waste	Coal Combustion Residue	Approved	04/06/98
18	Q Pond Spillway-Osceola	Solid Waste	Permit Exemption	Approved	04/14/98
19	Des Moines Water Works	Watersupply Construction	Innovative/Alternative Treatment Techniques	Approved	04/13/98
20	Fort Madison, City of	Watersupply Construction	Installation Procedures	Denied	04/13/98
21	Gallery Acres West Subdivision-Solon	Watersupply Construction	Siting Criteria	Approved	04/20/98
22	LeMars, City of	Watersupply Construction	Construction Materials	Approved	04/09/98
23	LeMars, City of	Watersupply Construction	Installation Procedures	Approved	04/09/98
24	Ringsted, City of	Watersupply Construction	Construction Materials	Approved	04/01/98
25	Wapsi-Pinicon Twist & Gift Shop-Independence	Watersupply Construction	Design Basis	Approved	04/09/98
26	Anchor Inn-Clayton County	Watersupply Operation	System Operation	Approved	04/20/98
27	Anchor Inn-Clayton County	Watersupply Operation	Water Monitoring	Approved	04/20/98
28	Anchor Inn-Clayton County	Watersupply Operation	Operator Certification Plant Classification	Denied	04/20/98

Monthly Spill Report - April 1998

Month	Total Incidents	Petroleum Product	Agri - Chemical	Other Chemicals	Handling and Storage	Pipeline	Highway Incident	RR Incident	Fire	Other
Oct.	70(52)	37(28)	17(10)	16(14)	28(31)	6(0)	28(13)	5(4)	0(0)	3(4)
Nov.	44(33)	25(18)	9(9)	10(6)	15(16)	3(0)	23(12)	2(2)	0(0)	1(3)
Dec.	52(33)	27(20)	19(3)	6(10)	21(16)	4(1)	22(12)	4(0)	0(1)	1(3)
Jan.	42(39)	32(28)	3(4)	7(7)	19(20)	2(1)	16(15)	1(2)	1(0)	3(1)
Feb.	48(54)	28(29)	5(7)	15(18)	24(29)	3(2)	13(20)	2(1)	1(2)	5(0)
Mar.	48(53)	27(37)	11(9)	10(7)	26(29)	0(0)	17(16)	2(4)	0(0)	3(4)
Apr.	60(64)	23(33)	23(25)	14(6)	25(28)	3(0)	25(30)	5(2)	(0)	2(4)

(numbers in parentheses for the same period in fiscal year '97)

Total Number of Incidents Per Field Office This Period:

1	2	3	4	5	6
12	11	5	5	13	14

ENFORCEMENT REPORT UPDATE

Name, Location and Field Office Number	Program	Alleged Violation	Action	Date
Ben Haven Mobile Home Park, Quasqueton (1)	Drinking Water	MCL - Bacteria; Public Notice	Order/Penalty \$5,500	4/2/98
Hartley, City of (3)	Wastewater	Discharge Limits; Water Quality Violations, General Criteria	Order/Penalty \$1,000	4/8/98
Robert Jeff White, Dallas Center (5)	Air Quality; Solid Waste	Open Burning; Illegal Disposal	Referred to AG	4/20/98
Tire Tech Environmental Systems, Inc., Muscatine (6)	Solid Waste	Tire Processing Violations	Permit Referred to AG	4/20/98
Austin J. DeCoster d/b/a DeCoster Farms of Iowa (Sow Unit #17) Wright Co. (2)	Animal Feeding Operation	Construction Contrary to Permit Conditions	Consent Order	4/28/98

SUMMARY OF ADMINISTRATIVE PENALTIES
May 1, 1998

The following administrative penalties are due:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Marvin Kruse d/b/a K & C Feeds (Luana)	UT	300	12-01-92
Duane Pospisil d/b/a Duane's Service (Lisbon)	UT	1,000	5-04-93
Melvin Foubert d/b/a Mel's Repair Service (What Cheer)	UT	400	12-13-93
Stan Simmer d/b/a Tire City (Des Moines)	UT	600	12-21-93
Leland Koster and Jim Koster (Alexander)	UT	350	6-11-94
Coralville Lake Terrace Assn. (North Liberty)	WS	550	9-01-94
Bill Dettman d/b/a Dettman Oil Co. (Fonda)	UT	2,800	9-15-94
*Dale Hall d/b/a Hall Oil Co. (Des Moines)	UT	250	11-15-94
William R. Hennessey & Son, Inc. (Cedar Rapids)	UT	2,670	12-06-94
Donald K. Schmidt (Cedar Rapids)	UT	3,000	12-27-94
Collier Oil Co.; Clark Concrete Co. (Onawa)	UT	3,300	1-22-95
Rock Falls Lounge (Rock Falls)	WS	1,500	6-12-95
David A. Dohlman d/b/a Dave's Conoco (Dumont)	UT	2,300	7-18-95
M & L Service; Loyal Dorr; Mark Courtney (Guthrie Center)	UT	1,000	8-30-95
Norman Klynsmas d/b/a OK One Stop Service (Hospers)	UT	2,000	9-01-95
Searsboro, City of	WW	2,500	11-08-95
Economy Solar Corp. (Monticello)	AQ	7,500	11-25-95
Elery Fry; Allen Fry; Becky Sandeen (Monroe Co.)	SW	6,000	1-20-96
Patrick McCoy (Keokuk Co.)	AQ/SW	2,000	2-10-96
Cheryl Straughn d/b/a Cher's Mini Mart (Chapin)	UT	600	2-21-96
Dennis Sharkey d/b/a Sharkey Bldg. Wrecking (Dubuque)	AQ	2,000	3-11-96
David Kramer (Camanche)	UT	600	5-03-96
Latimer, City of	WS	150	5-03-96
Ainsworth, City of	WS	150	5-03-96
McClelland Bar & Grill (Council Bluffs)	WS	100	5-06-96
Paul L. Dunkel (Delaware Co.)	SW	1,500	6-27-96
*Orrie's Supper Club, Inc. (Hudson)	WS	650	7-15-96
Plantation Village Mobile Home Park (Burlington)	WW	1,000	8-01-96
Dennis L. Mattison (Winnebago Co.)	AQ/SW	600	9-03-96
Howard Victor and Wanda Victor (Des Moines)	UT	10,000	10-21-96
Riverside Lutheran Bible Camp (Story City)	WS	500	10-28-96
Wunschel Oil, et.al. (Battle Creek)	UT	4,400	12-23-96
Gassman's MHP & Spruce Harbor Inn (Dubuque)	WS	4,500	12-26-96
Mark Anderson d/b/a Westside Park for Mobile Homes; M A, Inc. (Burlington)	AQ/SW	1,000	1-03-97
*Ken Frese (Keokuk Co.)	AQ/SW	175	1-09-97
J.F.V. Corporation; Frank Hawk; Sharon Hawk (Prole)	UT	600	2-19-97
Hofer's Danceland Ballroom (Walford)	WS	3,188	4-19-97
Ronald Slocum; Tammy Lynn Determan (Marshall Co.)	SW	10,000	5-24-97
*Vernon Kinsinger d/b/a K & K Sanitation (Washington Co.)	AQ/SW	9,530	6-05-97
Fibred-Iowa, Inc. (Iowa Falls)	AQ	2,000	7-29-97
Roy E. Hawkins (Newton)	SW	1,000	10-22-97
South Park Mobile Home Park (Iowa Falls)	WW	1,000	1-04-98
James LaFollette d/b/a Jim's Tree Service; Kurt Douglas (Marion Co.)	AQ/SW	2,000	2-16-98
Russell Barkema d/b/a Barkema Construction (Wright Co.)	AQ/SW	1,000	3-31-98
# Harold Unternahrer (Washington Co.)	AFO	3,000	4-06-98
# Tom's Livestock Service (Mechanicsville)	AFO/HC	3,000	4-13-98
*#John Adam (Keokuk Co.)	WW	2,500	4-15-98
Webb, City of	WS	2,000	4-27-98
Larry Cope, Susan E. Cope, Bill VanPelt (Carlisle)	WW	1,500	5-05-98
*#Leroy Wulf (Des Moines Co.)	WW	1,000	6-03-98

Ben Haven Mobile Home Park	WS	5,500	6-07-98
Hartley, City of	WW	1,000	6-12-98
Deer Ridge Estates (Ottumwa)	WS	100	-----
Charlie's Supper Club (Algona)	WS	100	-----
# Chuck and Gayle VanVeldhuizen (Sioux Co.) CONSENT	AFO	500	-----
TOTAL		118,463	

The following cases have been referred to the Attorney General:

Donald P. Ervin (Ft. Dodge)	SW	669	3-05-90
Robert and Sally Shelley (Guthrie Center)	SW	1,000	3-04-91
Vernus Wunschel d/b/a Wunschel Oil (Ida Grove)	UT	300	1-12-92
Verna and Don Reed; Andrea Silsby (Union Co.)	SW	1,000	4-07-94
Relative, Inc.; Doug Smuck (Des Moines)	UT	3,070	10-11-94
Relative, Inc.; Doug Smuck (Des Moines)	UT	600	10-11-94
Trust Trucking Corp.; Jim and Brenda Huyser (Lovilia)	UT	840	11-01-94
Paul Underwood d/b/a Underwood Excavating (Cedar Rapids)	AQ	4,000	3-24-95
Oscar Hahn (Solon)	AQ/SW	2,000	8-29-95
Randy Ballard (Fayette Co.)	FP	2,000	5-30-95
ESCORP Associates Ltd.; Arnold Olson (Cedar Rapids)	AQ	10,000	7-09-95
Brian McKernan d/b/a Hickory Grove MHP (Story Co.)	WW	1,000	4-15-96
Long Branch Tavern (Monmouth)	WS	100	5-01-96
Long Branch Tavern (Monmouth)	WS	6,400	10-28-96
Long Branch Tavern (Monmouth)	WS	200	3-18-97
*R.V. Hopkins, Inc. (Davenport)	AQ	10,000	11-15-95
Dean Williams d/b/a Williams Oil Co. (Stuart)	UT	4,800	
*Home Asbestos & Lead Abatement Services (Johnston)	AQ	350	7-02-94
Carpenter Bar & Grill (Carpenter)	WS	725	9-27-96
Don Grell d/b/a Dodger Enterprises (Ft. Dodge)	AQ	10,000	2-16-93
Hidden Valley Mobile Home Court (Washington Co.)	WS	200	10-22-94
Robert Jeff White (Dallas Co.)	AQ/SW	10,000	7-14-97
TOTAL		69,254	

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
Joe Eggers, Jr., et.al. (St. Ansgar)	SW	1,000
Hickory Hollow Water Co. (Ankeny)	WS	400
Wayne Transportation, Inc. (Greene)	WW	1,000
Mulgrew Oil Company (Dubuque)	HC	500
Chickasaw Co. SLF, et.al. (Chickasaw Co.)	SW	1,000
Plymouth Cooperative Oil Co. (Hinton)	WW	1,000
King's Terrace Mobile Home Court (Ames)	WW	500
ITWC, Inc. (Malcom)	AQ	1,000
Frank Hulshizer (Benton Co.)	SW	500
LeMars, City of	WW	5,000
Crane Co. d/b/a Crane Valves (Washington Co.)	SW	500
Donald Udell (Plymouth Co.)	SW	1,000

Oakwood Park Water, Inc. (Ankeny)	WS	1,000
Waverly Gravel & Ready-Mix aka Shell Rock Sand and Gravel (Shell Rock)	AQ	3,000
Coastal Mart, Inc.-Store #1081 (Davenport)	UT	5,320
HiWay Texaco, Ltd.; Roger Kanne; Rick Kanne (Bagley)	UT	5,000
Joseph L. Ranker; Daryl Hollingsworth (Indianola)	UT	4,000
Tom Wiseman (Sheffield)	UT	3,500
Karl and Thelma Boylan d/b/a Boylan's Service (Northboro)	UT	1,800
William Jensen d/b/a B & B Tire & Oil Co. (Avoca)	UT	2,300
Crabtree Lake Resort (Rhodes)	WW	5,400
Elmer R. Faust d/b/a Faust Garage & Grocery (Delaware)	UT	2,300
American Coals Corporation - Site #5 (Bussey)	AQ/SW	10,000
H.E.W., Inc. aka Hazardous Environmental Wastes, Inc. aka Algona Roofing & Insulation, Inc. (Algona)	AQ	5,000
Bankston, City of	WS	550
Wunschel Oil, et.al. (Ida Grove)	UT	10,000
Jim Foust (Indianola)	SW	2,175
Titan Wheel International, Inc. (Walcott)	WW	10,000
Ronald Sizemore and Mark Murphy (Eldora)	UT	3,200
Keith Owens and Howard Maurer (Wilton)	UT	3,100
Tom Babinat d/b/a Tom's Car Care (Grundy Center)	UT	3,600
Henry and Randy Krohn d/b/a Krohn Const. (Waukee)	AQ/SW	4,000
James and Roxann Neneman; J&R Mini Mart (Council Bluffs)	UT	3,900
Simonsen Industries, Inc. (Cherokee Co.)	WW	5,000
Sale-R-Villa Const., Inc. (Perry)	AQ	10,000
Dennis Malone & Joanne Malone (Morning Sun)	UT	600
Economy Solar Corp.; Jeffrey C. Intlekofer (Cedar Rapids)	AQ	10,000
Marty Feinberg d/b/a Feinberg Scrap Iron; Betty Feinberg; F & F Metals (Lee Co.)	HC/WW	10,000
Earth Media Technologies, Inc. (Polk Co.)	SW	3,000
Pilot Oil Corporation (Walcott)	WW/UT	5,000
Leonard C. Page (Adams Co.)	SW	3,000
Boyer Valley Company (Arion)	WW	8,000
Wilbur McNear; Gilbert Persinger (Smithland)	UT	2,500
Donald Krieger (Terrill)	UT	600
Donald J. Foreman d/b/a D & R Feedlots (Woodbury Co.)	WW	3,000
Wilbur McNear d/b/a McNear Oil Co. (Charter Oak)	UT	2,000
Holiday Mobile Lodge, Inc. (Johnson Co.)	AQ/SW	2,000
Shell Rock Products, Inc. (Butler Co.)	AQ/SW	10,000
E.L. Incorporated (Algona)	SW	5,000
Weber Construction, Inc. (Cascade)	AQ	4,000
Tri-County Bank & Trust (Cascade)	AQ	4,000
Jack Pinney Operations, Inc. (Sioux City)	AQ	4,000
Roy Burger (Gillette Grove)	UT	5,400
Fremont County Sanitary Landfill (Fremont Co.)	SW	5,000
Spencer Municipal Hospital (Spencer)	AQ	3,000
Westside Park for Mobile Homes (Burlington)	WW	3,000
Climax Molybdenum Company (Ft. Madison)	HC/AQ	10,000
Clarence, City of	WW	3,000
Daryl & Karen Hollingsworth d/b/a Medora Store (Indianola)	UT	4,800
Hidden Valley Mobile Home Park (Washington)	WW	2,000
Markley Knock d/b/a Knock's Bldg. Supply (Parkersburg)	AQ/SW	2,000
Russell Stagg (Muscatine Co.)	AQ/SW	2,000
Obie's Hurstville Tap, Inc. (Maquoketa)	WS	100

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Dallas County Care Facility (Adel)	WW	2,500
Mount Joy Mobile Home Park (Davenport)	WW	2,000
Louisa-Muscatine Community School (Letts)	WS	500
Davenport Travel Plaza (Walcott)	WS	250
Vermeer Manufacturing Co. (Pella)	AQ	10,000
Gary Walker (Montgomery Co.)	AQ/SW	3,000
Haasco, Ltd. (Dubuque)	AQ	3,000
Site Services, Ltd. (Waterloo)	AQ	5,000
Bernie Brauns d/b/a Brauns Waste Mgmt. (Muscatine Co.)	AQ/SW	10,000
Ron Rupe (Polk Co.)	SW	2,000
Richard L. Magdefrau (Washington Co.)	AQ/SW	2,000
Lamoni, City of	WW	1,000
Margaret and Gene Palmersheim d/b/a G & M Service Mart (Greeley)	UT	1,500
Dakota Mobile Home Park (Oxford)	WW	2,550
Waste Mgmt. & Design; Monfort, Inc. (Des Moines)	SW/WW	10,000
#Boomsma Egg Site #1; A.J. DeCoster (Wright Co.)	WW	1,000
Richard Sprague (Tripoli)	AQ/SW	5,000
Joseph Barragy; Tom Barragy; J & M Woodshavings, Inc. (Cerro Gordo Co.)	AQ/SW	4,000
Marvin Low d/b/a Low's DX (Toledo)	UT	10,000
Carroll, City of	WS	3,000
Todd L. Salow (Washington)	AQ/SW	5,000
Camp Golden Valley (Lockridge)	WW	5,700
Holliman LTD.; Terry Holliman (Hamburg)	SW/WW	10,000
Organic Technologies Corp.; Tim Danley; Ken Renfro (Warren Co.)	SW/WW	10,000
Ralene Hawkins d/b/a R.J. Express Salvage & Demolition; Clara Lindstadt (Des Moines Co.)	AQ/SW	1,000
Bellevue Golf Club, Inc. (Bellevue)	WS	300
Cliff's Place, Inc. (Waverly)	WS	1,500
Craig Burgin (Indianola)	UT	600
Wayne Johnson (Rockford)	AQ/SW	1,000
Sylvan Acres (Janesville)	WS	1,000
Paul Behounek; Todd Behounek (Tama Co.)	AQ/SW	7,100
Delaware County Landfill, Inc.	SW	5,000
Brittany Estates Addition (Manchester)	WS	4,000
Kruger Seed Co. (Dike)	AQ	3,000
Al DeCarlo Demolition Co. (Des Moines)	AQ	5,000
Ritchie Industries, Inc. (Conrad)	AQ	3,000
Bob Luke d/b/a D & R Tree Service (Washington)	AQ/SW	1,000
Country Pumpkin (Deloit)	WS	500
Robert Frees; Elizabeth Mathes (Washington Co.)	SW	1,000
Tire-Tech Environmental Systems, Inc. (Muscatine)	SW/WW	2,500
Iowa Waste Systems, Inc.; Fayette Co. Solid Waste Comm.	SW	10,000
Advanced Technologies Corp. (Waterloo)	AQ	7,500
Biovance Technologies, Inc. (Oskaloosa)	AQ	4,000
Stellar Industries, Inc. (Garner)	AQ	3,000
Joyce Wagner; Bruce Manthe d/b/a Wagner Truck Wash (Merrill)	WW	5,000
Iowa Mold Tooling Co., Inc. (Garner)	AQ	5,000
Keokuk Steel Castings Co., Inc. (Keokuk)	AQ	5,000
Walnut Grove Water Company (Davenport)	WS	2,500
Big Ten Mart/Truck Stop (Lowden)	WS	2,500

North Central Cooperative (Clarion)	WW/HC	2,000
# Iowa Select Farms, L.P. (Hardin Co.)	WW	1,500
Troy Elevator, Inc. (Troy)	WW/HC	4,000
Iowa Realty Co., Inc.; Easter Lake Estates (Polk Co.)	WW	6,000
# Alan Rasmussen (Webster Co.)	WW	500
Milton, City of	SW/AQ	1,000
# Ronald Juergens (Carroll Co.)	WW	3,000
# Austin J. DeCoster (Nursery 8) (Wright Co.)	WW	1,000
# Iowa Select Farms, L.P. (Sow 8) (Wright Co.)	WW/HC	3,000
Sac City, City of	WW	4,000
Rockwell City, City of	WW	10,000
James Mills (Webb)	AQ/SW	3,000
Webb, City of	AQ/SW	3,000
Ira and Debby Cooley; Karen Sauer (Keokuk Co.)	AQ/SW	1,000
# Irvin Leichty (Henry Co.)	WW	3,000
# Robert Butler (Laurens)	AFO	3,000
Ed Engelbrecht d/b/a E & E Auto Salvage (Lee Co.)	AQ/SW	1,000
Enviro Safe Air, Inc. (Creston)	AQ	10,000
Pathway Christian School (Kalona)	WS	500
Pictured Rocks Methodist Camp (Monticello)	WS	700
Wiese Corporation (Perry)	AQ	5,000
TOTAL		481,245

The following administrative penalties were paid last month:

First National Bank of Muscatine (Muscatine)	WW	1,000
# Jacob Yoder (Johnson Co.)	AFO	2,000
*#Leroy Wulf (Des Moines Co.)	WW	250
*#Leroy Wulf (Des Moines Co.)	WW	250
TOTAL		3,500

ATTORNEY GENERAL REFERRALS

Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
Advanced Technologies Corp. Iowa City (6)	Air Quality	Asbestos	Referred to Attorney General	Referred	6/20/97
Ballard, Randy Fayette Co. (1)	Flood Plain	Construction Without Permit	Order-Penalty	Referred	5/29/96
Buringrud, Mark d/b/a Carpenter Bar and Grill Carpenter (2)	Drinking Water	Monitoring/Reporting-Bacteria, Nitrate	Order-Penalty	Referred	11/17/97
DeCoster, A.J.			Referred to	Referred	7/17/95

Environmental Protection Commission Minutes

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Wright Co. (2)	Waste-water	Prohibited Discharge	Attorney General	Petition Filed	1/23/96
				Hearing on Pre-Trial Motion	10/28/96
				Order Denying Defendant's Motion	11/06/96
				Order Granting State's Motion	11/21/96
				State's Motion to Compel	1/28/97-
				Hearing	2/06/97
				Order Granting State's Motion	2/11/97
				Trial	2/21/97
					3/05/97
				Closing Arguments	3/28/97
				Ruling (\$59,000/Civil)	9/05/97
				Defendant's Notice of Appeal	4/04/97
				Defendant's Brief Filed	9/05/97
				Defendant's Amended Brief Filed	9/24/97
				State's Brief Filed	1/12/98
				State's Amended Brief Filed	1/22/98
				Defendant's Reply Brief Filed	2/19/98
DeCoster, A.J. Nursery Unit #3 Wright Co. (2)	Waste-water	Prohibited Discharge	Referred to Attorney General	Referred Petition Filed Consolidated With Sow Unit #1 (See Below)	8/19/96 11/25/96 4/28/97
DeCoster, Austin J. Sow Unit #1 (2)	Waste-water	Prohibited Discharge	Referred to Attorney General	Referred Petition Filed State's Motion to Change Venue State's Motion to Consolidate Order Granting Motions Amended & Substituted Petition Filed Defendant's Motion for Partial Summary Judgment State's Motion for Partial Summary Judgment Hearing on Defendant's Motion for Partial Summary Judgment Hearing on State's Motion for Partial Summary Judgment Ruling Denying Defendant's Motion for Partial Summary Judgment Ruling Granting State's Motion for Partial Summary Judgment Trial Ruling for State Defendant's Notice of Appeal	1/22/97 4/24/97 4/28/97 4/28/97 4/28/97 5/19/97 7/14/97 8/04/97 8/11/97 8/25/97 9/02/97 9/04/97 9/16-18/97 1/15/98 2/13/98
(CONTINUED) DeCoster, Austin J. Sow Unit #1 (2)					
DeCoster, Austin J. Sow Unit #11; Nursery Unit #7 Wright Co. (2)	Waste-water	Prohibited Discharge	Referred to Attorney General	Referred Petition Filed Consolidated With Nursery Unit #4 (See Below)	6/20/97 3/20/98
DeCoster, Austin J. Nursery Unit #4 Wright Co. (2)	Waste-water	Prohibited Discharge	Referred to Attorney General	Referred Petition Filed	8/18/97 3/20/98
DeCoster, Austin J. Sow Unit #3 Hamilton Co. (2)	Waste-	Prohibited Discharge	Referred to Attorney	Referred	12/15/97

water			General		
Economy Solar Corp. Ft. Madison (6)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date Ruling (\$1,600/Civil & Injunction) Notice of Appeal Voluntary Dismissal	3/21/94 8/29/94 11/06/95 11/30/95 1/03/96 4/11/96
Economy Solar Corp./Central Community School DeWitt (6)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Trial Date	7/17/95 1/03/97 3/23/98
Farmers Companies, Inc. Poweshiek Co. (1)	Hybrid	Animal Feeding Operation Prohibited Discharge	Referred to Attorney General	Referred	3/16/98
Grell, Don d/b/a Dodger Enterprises Ft. Dodge (2)	Air Quality	Open Burning	Order- Penalty	Referred	1/20/98
Hahn, Oscar Solon (6)	Air Quality Solid Waste	Open Burning Illegal Disposal	Order- Penalty	Referred Petition Filed Entry of Default	12/18/95 4/18/96 11/01/96
Hidden Valley Mobile Home Court Washington Co. (6)	Drinking Water	Monitoring/Reporting - Lead and Copper	Order- Penalty	Referred	1/20/98
Home Asbestos & Lead Abatement Services; Robert G. Condon West Des Moines (5)	Air Quality	Asbestos	Order- Penalty	Referred	10/20/97
Huyser, James; Trucking Lovilia (5)	Trust Under- ground Tank	Site Assessment	Referred to Attorney General	Referred Petition Filed Dismissed for Lack of Service Bankruptcy Petition Filed	11/21/94 4/18/96 9/20/96 9/20/96
Larson, Daryl Clinton Co. (6)	Waste- water	Prohibited Discharge	Referred to Attorney General	Referred	10/20/97
Martinez, Vincent d/b/a Martinez Service Davenport (6)	Sewer Hazardous Condition	Remedial Action	Order- Penalty	Referred Petition Filed Partial Default Judgment (Injunction)	2/17/92 12/21/92 10/11/94

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McKernan, Brian d/b/a Hickory Grove Mobile Home Park Roland UPDATED	(5)	Waste- water	Discharge Limits; Monitoring & Reporting	Order- Penalty	Referred Petition Filed	1/22/97 4/30/98
Organic Technologies; Tim Danley; Ken Renfrow; Mike Danley Warren Co. (5)		Solid Waste	Permit Violations	Referred to Attorney General	Referred	12/15/97
Orrie's Supper Club, Inc. Hudson (1)		Drinking Water	Monitoring/Reportin g; Lead & Copper	Order- Penalty	Referred	10/16/95
Owens & Owens Realty, Inc. Wilton (6)		Under- ground Tank	DNR Defendant	Defense	Petition Filed Answer Filed	3/29/96 4/19/96
Papetti's of Iowa Food Products, Inc. Taylor Co. (4)		Waste- water	Prohibited Discharge	Referred to Attorney General	Referred	1/22/97
Postville Pork Postville (1)		Waste- water	Prohibited Discharge	Referred to Attorney General	Referred Petition Filed Trial Date	5/20/96 7/09/97 11/4/98
Reed, Verna and Don; Andrea Silsby Union Co. (4)		Solid Waste	Illegal Disposal	Order- Penalty	Referred Petition Filed Entry of Default	6/20/94 8/10/94 12/12/94
Relative, Inc.; Doug Smuck Des Moines (5)		Under- ground Tank	Insurance Violation	Order- Penalty	Referred Petition Filed Order Granting Default Judgment	10/17/94 5/12/95 11/26/96
R.V. Hopkins Davenport (6)		Air Quality	Emission Violations	Order- Penalty	Referred	5/21/97
Schoenberr, R.B. d/b/a Long Branch Tavern Monmouth (1)		Drinking Water	Permit Renewal	Orders- Penalties	Referred	6/20/97
Stickle Farms, Inc. Linn Co. (1)		Waste- water	Prohibited Discharge	Referred to Attorney General	Referred	4/21/97
Tire Tech Environmental Systems, Inc.		Solid	Tire Permit Processing	Referred to Attorney	Referred	4/20/98

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Muscatine
NEW

(6) Waste

Violations

General

Tracy, Ronald d/b/a
TRACE, Inc.
Howard Co. (1)Waste-
water

Prohibited Discharge

Referred to
Attorney
GeneralReferred
Criminal Complaint Filed11/17/97
11/26/97Underwood, Paul d/b/a
Underwood Excavating
and Demolition
Cedar Rapids (1)Air
Quality

Asbestos

Order-
PenaltyReferred
Motion for Judgment5/15/95
8/15/96White, Robert Jeff
Dallas Center
NEW(5) Air
Quality;
Solid
WasteOpen Burning;
Illegal DisposalOrder-
Penalty

Referred

4/20/98

Williams, Dean d/b/a
Williams Oil Co.
Stuart (4)Under-
ground
Tank

Site Assessment

Order-
Penalty

Referred

10/20/97

Wunschel Oil Co.; Vernus
Wunschel
and Jaquelyn Wunschel
Battle Creek (3)Under-
ground
Tank

Site Assessment

Referred to
Attorney
GeneralReferred
Motion for Judgment
Consent Decree (\$6,400/Admin.)
Referred1/17/95
8/28/96
12/13/96
3/30/98

CONTESTED CASES

DATE	NAME OF CASE	ACTION	PROGRAM	ASSIGNE	STATUS
1-23-86	Oelwein Soil Service	Admin. Order	WW	Murphy	Order rescinded 4/30/98. Case closed.
6-08-89	Shaver Road Investments	Site Registry	HW	Kennedy	New draft consent order issued to company for approval.
6-08-89	Hawkeye Rubber Mfg. Co.	Site Registry	HW	Kennedy	New draft consent order issued to company for approval.
6-08-89	Lehigh Portland Cement Co.	Site Registry	HW	Murphy	Hearing continued. Discovery initiated.
11-03-89	Bridgestone/Firestone, Inc.	Site Registry	HC	Murphy	Hearing continued pending negotiations. Settlement proposed
5-08-90	Texaco Inc./Chemplex Co. Site	Site Registry	HW	-----	Settlement proposed.
5-14-90	Alter Trading Corp. (Council Bluffs)	Admin. Order	SW	Kennedy	Permit issued. District court suit dismissed. Field Office
6-20-90	Des Moines, City of	NPDES Permit	WW	Hansen	EPD met with City to resolve appeal issues. Follow-up with
7-02-90	Keokuk Savings Bank and Trust; Keokuk Coal	Site Registry	HW	-----	Hearing continued.
7-30-90	Key City Coal Gas Site; and Howard Pixler	Site Registry	HW	-----	Decision appealed (Pixler).
8-01-90	J.I. Case Company	Site Registry	HW	Preziosi	Hearing continued indefinitely pending cleanup of neighboring
12-27-90	McAtee Tire Service, Inc.	Admin. Order	SW	Kennedy	Resolved with tire clean-up agreement. Case closed.
1-07-91	Joe E. Eggers, Jr.; Joe and Mary Eggers	Admin.	SW	Kennedy	Hearing continued. Clean-up continuing slowly due to illness.
5-20-91	Great Rivers Coop-Lockridge	Site Registry	HC	Murphy	Settlement proposed.
9-25-91	Archer Daniels Midland	Admin. Order	SW	Kennedy	DNR engineers reviewing documents.
1-17-92	Hickory Hollow Water Co.	Admin.	WS	Hansen	Settlement offer to WS. Counter offer 7/13/93. Dept. response
1-30-92	Center Oil Co., Inc.	Admin. Order	HC	Murphy	Negotiating before filing.

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4-09-92	Wayne Transports, Inc.	Admin.	WW	Murphy	Negotiating before filing.
4-15-92	Mulgrew Oil Co.	Admin.	HC	Womson	Settlement letter sent 8/31/94. SCR completed. Finalizing
5-05-92	Plymouth Cooperative Oil Co.	Admin.	WW	Murphy	Negotiating before filing.
5-12-92	Paris & Sons, Inc.	Site Registry	HC	Murphy	Negotiating before filing.
6-23-92	Chickasaw County Board of Supervisors,	Admin.	SW	Kennedy	County to include closing in FY 1997 budget. Meeting held
9-21-92	ITWC	Admin.	AQ	Preziosi	Settlement close. Negotiating penalty.
9-22-92	King's Terrace MHP	Admin.	WW	Hansen	8/94-Letter to facility regarding resolution of appeal. Follow-up
11-16-92	Frank Hulshizer	Admin.	SW	Kennedy	Amended order issued 1/11/96.
12-14-92	Quantum	Permit Conditions	WW	Hansen	3/30/93 Dept. settlement offer made. 5/03/93 response from
4-05-93	Mapleton, City of	WW Operator	WW	Hansen	Under review by EPD. Appeal discussion with EPD staff.
4-12-93	LeMars, City of	Admin.	WW	Hansen	Construction permit issued. Schedule submitted by City for
4-21-93	Donald Udell	Admin.	SW	Kennedy	Clean-up completed. Penalty settlement due.
6-21-93	Jacobs Energy Corp., Inc.	Permit Denial	AQ	Preziosi	Hearing continued. Meeting held. Settlement close. Waiting on
7-06-93	Dennis E. Good	Admin. Order	UT	Womson	Tier 1 complete. Tier 2 initiated.
7-09-93	Oakwood Park Water, Inc.	Admin.	WS	Hansen	Construction permit issued 2/94. Facility to be installed by
7-20-93	Valley Restaurant/Sierp Oil; Mary & Carl Sierp;	Admin. Order	UT	Womson	Tier 2 initiated.
11-16-93	Iowa Southern Utilities	Permit Conditions	AQ	Preziosi	8/12/97 - Appeal being reviewed in context of Title V
12-23-93	Waverly Gravel & Ready-Mix aka Shell Rock	Admin.	AQ	Preziosi	Negotiating penalty. Settlement close.
1-27-94	Archer-Daniels-Midland	Permit Conditions	AQ	Preziosi	Negotiating before filing.
2-28-94	Coastal Mart - Davenport	Admin.	UT	Womson	Deficient SCR. Letter sent. Penalty on appeal.
3-03-94	Burlington Northern Railroad	Tax Certification	WW	Hansen	3/96 - Letter to company regarding appeal. Response requested
5-10-94	Dennis Malone; Joanne Malone	Admin.	UT	Womson	Untimely appeal. Compliance 3/97. Negotiating penalty.
5-27-94	Joseph L. Ranker; Daryl Hollingsworth	Admin.	UT	Womson	Tanks closed. Property sold. Buyer is Fund eligible and may do
6-15-94	Lakeview Heights	Permit Conditions	WS	Hansen	Facility proposal under review by WS. DNR response to appeal
7-12-94	Tom Wiseman	Admin.	UT	Womson	Appeal untimely. Follow-up letter sent. Fund eligible. Tier I
8-12-94	Karl and Thelma Boylan d/b/a Boylan's Service	Admin.	UT	Womson	Inability to pay. Failed to return required documentation. Letter
8-29-94	B and B Tire and Oil	Admin.	UT	Womson	SCR accepted. Letter sent offering penalty negotiations
9-01-94	Elmer R. Faust d/b/a Faust Garage & Grocery	Admin.	UT	Womson	SCR accepted - negotiating penalty.
9-02-94	Crabtree Lake Resort	Admin.	WW	Hansen	Facility in compliance.
9-06-94	HEW, inc.	Admin.	AQ	Preziosi	3/1/96 - Amended order to be issued.
9-09-94	American Coals Corp., Site 5 (Bussey)	Admin.	SW/AQ	Kennedy	Bankruptcy filed. Phone conversation regarding closure
9-15-94	Bankston	Admin.	WS	Hansen	1/95 - Information from City. Compliance initiated. Respond to
9-16-94	Wunschel Oil Co.; Vernus Wunschel; Jacquelyn	Admin.	UT	Womson	Consent order. SCR received. Revisions to SCR required -
9-26-94	James D. Foust	Admin.	SW	Kennedy	Hearing continued by ALJ because of bankruptcy.
10-07-94	Titan Wheel International	Admin.	WW	Hansen	Revised BMR report submitted/reviewed by WW Permits.
10-19-94	Ronald Sizemore; Mark Murphy	Admin.	UT	Womson	Inability to pay documented. County took tax deed. Contact
11-14-94	Tom Babinat d/b/a Tom's Car Care	Admin.	UT	Womson	Inability to pay - requested documentation -- no response.
12-14-94	Campbell Clean-Up Service	Permit Denial	AQ	Preziosi	Negotiating before filing.
1-10-95	Steamboat Rock	Admin. Order	WS	Hansen	2/95 - Settlement offer by City and response by Dept. 4/95 -
1-11-95	Henry and Randy Krohn d/b/a Krohn	Admin.	AQ/SW	Kennedy	Settlement offer made. FO rejected offer. Phone conversation
1-13-95	James and Roxann Neneman	Admin.	UT	Womson	Inability to pay. Forms sent. No response. Follow-up - 3/96.
1-13-95	Simonsen Industries, Inc.	Admin.	WW	Hansen	2/28/95 - Submittal by facility's engineer regarding land
2-23-95	Lehigh Portland Cement	Permit Conditions	WW	Hansen	Informal settlement meeting held on 6/96. Facility to provide
2-27-95	Sale-R-Villa Construction	Admin.	AQ	Preziosi	ALJ decision received. Admin. Order affirmed, penalty
3-23-95	American Coals Corp.	Admin. Order	SW	Kennedy	In bankruptcy. Consent order drafted.
4-13-95	The Weitz Corp.; Barton Solvents, Inc.	Admin. Order	HC	Kennedy	Remediation plan received 5/27/96.

5-05-95	C & O Recycling Enterprises; Douglas W. Owen	Permit Denial	AQ	Preziosi	Negotiating before filing.
5-25-95	Marty Feinberg d/b/a Feinberg Scrap Iron; Betty	Admin.	HC/WW	Kennedy	Hearing continued. Clean-up continuing.
5-25-95	E.I. DuPont DeNemours (95-A-133)	Permit Conditions	AQ	Preziosi	Awaiting engineering evaluation.
5-25-95	Fremont County SLF	Admin.	SW	Kennedy	Negotiating before filing.
5-30-95	Earth Media Technologies	Admin.	SW	Kennedy	In the process of clean-up.
5-31-95	E.I. DuPont DeNemours (91-A-266 thru 91-A-	Permit Conditions	AQ	Preziosi	Awaiting engineering evaluation.
6-16-95	Pilot Oil Corporation	Admin.	WW/UT	Murphy	Compliance achieved; settlement offer made 2/28/98.
6-20-95	Toledo, City of	Permit Conditions	WW	Hansen	WW permits to negotiate settlement. Status of negotiations
6-23-95	Leonard C. Page	Admin.	SW	Kennedy	Penalty settlement due 8/30/97.
7-03-95	Donald J. Foreman d/b/a D & R Feedlots	Admin.	WW	Hansen	Negotiating before filing.
7-05-95	Boyer Valley Co.	Admin.	WW	Hansen	Informal meeting held for 6/7/96. Response from facility due
7-10-95	Donald Krieger	Admin.	UT	Womson	Tanks removed. Report due.
7-10-95	Gilbert Persinger	Admin.	UT	Womson	SCR received - rejected. Review progress.
7-13-95	Organic Technologies Corp.	Admin. Order	SW	Kennedy	Superseded by subsequent action. Closed.
7-28-95	Harold T. Knott; James C. Knott	Admin. Order	UT	Womson	Compliance initiated. SCR under review.
8-01-95	Wilbur McNear d/b/a McNear Oil Co.	Admin.	UT	Womson	SCR not received as of 2/29/96.
8-18-95	Holiday Mobile Lodge, Inc.	Admin.	AQ/SW	Kennedy	Appellant's attorney reply due 2/29/96.
8-24-95	Shell Rock Products, Inc.	Admin.	AQ/SW	Kennedy	Settlement offer due 8/1/96.
9-06-95	Kraft Foods Inc.; Oscar Mayer Division	Variance Denial	WW	Hansen	Follow-up letter requesting information sent 1/12/96. Letter
9-20-95	FKI Industries, Inc.; Fairfield Aluminum, Inc.	Admin. Order	WW/HC	Murphy	Negotiating before filing.
10-09-95	E.L. Incorporated	Admin.	SW	Kennedy	Appellant no longer accepting waste. Renewal permit may be
10-17-95	Tri-County Bank	Admin.	AQ	Preziosi	Awaiting penalty payment.
10-17-95	Weber Construction, Inc.	Admin.	AQ	Preziosi	Hearing held 4/25/97. Decision received in DNR's favor.
11-03-95	Jack Pinney Operations, Inc. aka Jack Pinney	Admin.	AQ	Preziosi	Settled. Awaiting penalty payment.
12-12-95	Vernon Kinsinger; K & K Sanitation	Admin.	AQ/SW	Kennedy	Clean-up progressing. Working with F.O. #6. Receiving
12-27-95	Ag Processing, Inc.	Permit Denial	AQ	Preziosi	Negotiating before filing.
12-29-95	Spencer Memorial Hospital	Admin.	AQ	Preziosi	Negotiating before filing.
1-04-96	Catherine E. Meredith	Admin. Order	UT	Womson	Compliance initiated by Atlantic Bottling. Comingled with coal
1-08-96	Westside Park for Mobile Homes	Admin.	WW	Hansen	Past due monthly monitoring reports submitted to FO 6. Facility
1-11-96	Climax Molybdenum Company	Admin.	AQ/HC	Preziosi	Negotiating before filing.
1-12-96	Clarence, City of	Admin.	WW	Hansen	1/96 - Facility inspected by FO 6. 9/96 letter from facility
1-22-96	Daryl Hollingsworth and Karen Hollingsworth	Admin.	UT	Womson	Tanks removed. Property sold.
1-25-96	Hidden Valley Mobile Home Park	Admin.	WW	Clark	Negotiating before filing.
1-25-96	Markley Knock d/b/a Knock's Building Supply	Admin.	AQ/SW	Kennedy	Phone conference with attorney regarding settlement - due
2-06-96	Russell Stagg	Admin.	AQ/SW	Kennedy	Negotiating before filing.
3-11-96	Dallas County Care Facility	Admin.	WW	Hansen	Facility inspected by FO. Now in compliance.
3-14-96	Laurel, City of	Admin. Order	WW	Hansen	Information submitted by city under review by WQ section..
3-14-96	Lamoni, City of	Admin. Order	WW	Hansen	Flow information requested from City's engineer. To be set for
3-19-96	Obie's West	Admin. Order	WS	Hansen	Under review by WS section.
3-22-96	Mt. Joy Mobile Home Park	Admin.	WW	Hansen	3/25/96 Inspection by FO 6. Facility in compliance.
3-26-96	Louisa-Muscatine Community School	Admin.	WS	Hansen	Negotiating before filing.
5-07-96	Lakeview Mobile Home Park	Admin.	WW	Hansen	6/20/96 - informal meeting held. Facility to provide settlement
5-08-96	Vermeer Mfg. Co. (96AQ06)	Admin.	AQ	Preziosi	Drafting consent order.
5-14-96	Gary Lee Walker	Admin.	AQ/SW	Kennedy	Negotiating before filing.
5-16-96	Grand Laboratories, Inc.	Permit Denial	WW	Hansen	Information received and reviewed by EPD. Settlement offer
5-29-96	Haasco, Ltd.	Admin.	AQ	Preziosi	Negotiating before filing.

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6-07-96	Clow Valve Company	Permit Conditions	AQ	Preziosi	Negotiating before filing.
6-07-96	Koehring Cranes, Inc.	Open Burning	AQ	Preziosi	Negotiating before filing.
6-10-96	DeCoster Farms of Iowa (19 sites)	Admin. Order	WW	Clark	Proposed decision 11/25/96. Appealed to EPC 12/27/96.
6-10-96	DeCoster Farms of Iowa (5 sites)	Permit Denial	WR	Clark	Proposed decision 11/25/96. Appealed to EPC 12/27/96.
6-19-96	Appanoose Co. Sanitary Landfill	Permit	SW	Kennedy	Hearing set for 6/29/98 - settlement pending.
6-25-96	Bernie Brauns d/b/a Brauns Waste Mgmt. &	Admin.	AQ/SW	Kennedy	Negotiating before filing.
7/17/96	Richard L. Magdefrau	Admin.	AQ/SW	Kennedy	Negotiating before filing.
8/01/96	DeCoster Farms of Iowa (Nursery Unit 7 -	Permit Denial	WW	Clark	Proposed decision 11/25/96. 12/27/96 - Appealed to EPC.
8/01/96	DeCoster Farms of Iowa (Boomsma Egg Site #1)	Admin.	WW	Clark	Hearing continued - date to be set.
8/09/96	Gene and Margaret Palmersheim d/b/a G & M	Admin.	UT	Womson	Negotiating before filing.
8/19/96	Capitol Oil Co., Inc. d/b/a Dakota Mobile Home	Admin.	WW	Clark	Negotiating before filing.
8/23/96	Waste Management & Design (Monfort)	Admin.	WW/SW	Kennedy	Settlement pending.
8/30/96	Howard Victor & Wanda Victor	Admin.	UT	Womson	Closed facility. Negotiating penalty.
9/04/96	Ag Processing, Inc./Sheldon Facility	Permit Denial	AQ	Preziosi	Negotiating before filing.
9/24/96	North Star Steel Iowa	Permit Denial	AQ	Preziosi	Negotiating before filing.
10/11/96	DeCoster Farms of Iowa (96-WW-32).	Admin. Order	WW	Clark	Hearing continued indefinitely.
10/17/96	DeCoster Farms of Iowa (Nursery Unit 3 -	Permit Revocation	WW	Clark	Hearing continued indefinitely.
10/28/96	Fischer Controls International	Permit Conditions	WW	Hansen	Negotiating before filing.
10/28/96	Holliman Ltd.	Admin.	SW/WW	Murphy	Settlement offer made 2/25/98.
11/01/96	Joseph Barragy and Tom Bartoy d/b/a J & M	Admin.	AQ/SW	Kennedy	Negotiating before filing..
11/05/96	Marvin Low d/b/a Low's DX	Admin.	UT	Womson	Tanks removed. Negotiating penalty.
11/07/96	Todd L. Salow	Admin.	AQ/SW	Kennedy	Negotiating before filing.
11/08/96	Caseys General Stores, Inc.	Mean Time to	UT	Womson	Settlement conference held 2/17/97.
11/08/96	Carroll, City of	Admin.	WS	Hansen	Returned to compliance.
11/25/96	Camp Golden Valley	Admin.	WW	Kennedy	Negotiating before filing.
12/02/96	Organic Technologies Corp.	Permit Denial	SW	Murphy	Proposed decision received 8/1/97; appealed. Affirmed by EPC
12/05/96	Organic Technologies Corp. ----91-SDP-02-94P	Admin.	SW	Murphy	Proposed decision received 8/1/97; appealed. Affirmed by EPC
1/02/97	Ruan Leasing Co., aka Ruan Transportation	Admin. Order	AQ	Preziosi	Negotiating before filing.
1/28/97	Ralene Hawkins d/b/a R.J. Express Salvage &	Admin.	SW/AQ	Kennedy	Clean-up complete. Negotiating penalty.
2/07/97	Craig Burgin	Admin.	UT	Womson	Compliance complete. Negotiating penalty.
2/19/97	Cliff's Place, Inc.	Admin.	WS	Hansen	Compliance initiated.
2/21/97	Farmland Foods, Inc. (Denison)	Permit Conditions	AQ	Preziosi	Negotiating before filing.
3/04/97	Wayne Johnson	Admin.	SW/AQ	Kennedy	Negotiating before filing.
3/20/97	Sylvan Acres	Admin.	WS	Hansen	Compliance initiated.
3/28/97	Paul Behounek; Todd Behounek	Admin.	SW/AQ	Kennedy	Negotiating before filing.
4/07/97	AGP, Inc. (Ag Processing, Inc.)	Permit Conditions	AQ	Preziosi	Negotiating before filing.
4/10/97	Lehigh Portland Cement	PSD Permit Denial	AQ	Preziosi	Negotiating before filing..
5/07/97	Delaware County Landfill, Inc.	Admin.	SW	Kennedy	Negotiating before filing.
6/06/97	Al DeCarlo Demolition Co.	Admin.	AQ	Preziosi	Penalty received. Settled.
6/06/97	Carroll's Foods of the Midwest	Const. Permit	WW	Clark	Negotiating before filing.
6/10/97	Kruger Seed Co.	Admin.	AQ	Preziosi	Negotiating before filing.
6/16/97	Ritchie Industries, Inc.	Admin.	AQ	Preziosi	Negotiating before filing.
6/17/97	Bob Luke d/b/a D & R Tree Service	Admin.	AQ/SW	Kennedy	Negotiating before filing.
6/30/97	Linwood Mining and Minerals	Admin. Order	AQ	Preziosi	Negotiating before filing.
7/22/97	CIPCO	Construction	AQ	Preziosi	Negotiating before filing.
7/22/97	Robert P. Frees; Elizabeth R. Mathes	Admin.	SW	Kennedy	Negotiating before filing.

7/30/97	Country Pumpkin	Admin.	WS	Hansen	Negotiating before filing.
7/31/97	Advanced Technologies Corp.	Admin.	AQ	Preziosi	New case.
7/31/97	Brittany Estates Addition	Admin.	WS	Hansen	Hearing set for 6/9/98.
8/01/97	Dodger Enterprises Co., Tire Chop Division;	Admin. Order	SW	Kennedy	Hearing set for 4/23/98; 5/6/98.
8/05/97	Bioavance Technologies	Admin.	AQ	Preziosi	Negotiating before filing.
8/08/97	Iowa Waste Systems, Inc.; Fayette Co. Solid	Admin.	SW	Kennedy	Negotiating before filing.
8/15/97	Ralston Purina Co.	Permit Conditions	AQ	Preziosi	Negotiating before filing.
8/18/97	Stellar Industries Inc.	Admin.	AQ	Preziosi	Negotiating before filing.
8/25/97	Joyce Wagner; Bruce Manthe d/b/a Wagner	Admin.	WW	Murphy	9/97 - Case on hold pending compliance.
9/17/97	Keokuk Steel Castings	Admin.	AQ	Preziosi	Negotiating before filing.
9/25/97	Iowa Mold Tooling Co., Inc.	Admin.	AQ	Preziosi	Negotiating before filing.
9/26/97	Walnut Grove Water Co.	Admin.	WS	Hansen	Under review by WS section. Connection to water supply for
10/6/97	North Central Cooperative	Admin.	HC/WW	Murphy	3/98 - Site assessment proceeding.
10/6/97	Big-Ten Mart/Truck Stop	Admin.	WS	Murphy	Negotiating before filing.
10/6/97	Holnam, Inc.	Permit Conditions	AQ	Preziosi	Negotiating before filing.
10/7/97	Othumwa, City of	Variance Denial	WW	Hansen	Informal meeting held 11/13/97. City submitted proposal. Letter
10/17/97	Iowa Select Farms, L.P. (Gast Finishing Farm)	Admin.	WW	Clark	Hearing held 4/13/98.
10/22/97	Lehigh Portland Cement Co.	Admin. Order	AQ	Preziosi	Negotiating before filing.
11/19/97	Troy Elevator, Inc.	Admin.	WW/HC	Murphy	Negotiating before filing.
11/21/97	Iowa Realty - Easter Lake Estates	Admin.	WW	Murphy	Negotiating before filing.
12/02/97	Dows, City of	Admin. Order	WW	Hansen	F.O. 2 inspection 3/98. To be set for hearing. Letters received
12/03/97	Milton, City of	Admin.	SW/AQ	Kennedy	Negotiating before filing.
12/08/97	Alan Rasmussen	Admin.	WW	Clark	Settlement letter sent 2/16/98. First penalty installment due
12/12/97	Donald E. Grell; Dodger Enterprises, Tire Chop	Notice of Intent to	SW	Kennedy	Hearing set for 4/23/98; 5/6/98.
12/17/97	Lafarge Corporation, Inc.	Tonnage Fee	SW	Murphy	Legislation resolves. Case closed.
12/22/97	Dave and Kristi Castenson; Donald Fields,	Harcourt Variance	WW	Hansen	Hearing set for 6/1/98.
12/30/97	Ronald Juergens	Admin.	WW	Murphy	Settlement offer 3/17/98.
1/07/98	Iowa Select Farms, L.P. (Sow Farm #8) (Wright	Admin.	WW/HC	Clark	Hearing held 4/9/98.
1/13/98	DeCoster Farms of Iowa (Nursery #8) (Wright	Admin.	WW	Clark	Negotiating before filing.
1/16/98	Pilgrim Heights Camp	NPDES Permit	WW	Hansen	Negotiating before filing.
1/21/98	Leroy Wulf	Admin.	WW	Clark	Settled 4/11/98. First penalty installment received 4/1/98.
1/23/98	Sac City	Admin.	WW	Hansen	Status report received from city's consultant.
1/29/98	Ralston Purina Company	Permit Conditions	AQ	Preziosi	Negotiating before filing.
1/30/98	Rockwell City	Admin.	WW	Hansen	Meeting on 4/22/98 with city's engineer regarding facility plan.
2/13/98	Ed Engelbrecht d/b/a E & E Auto Salvage	Admin.	AQ/SW	Kennedy	Negotiating before filing.
2/17/98	Irvin Leichty	Admin.	WW	Clark	Negotiating before filing.
2/19/98	Jacob Yoder	Admin.	AFO	Clark	Settlement letter sent 3/11/98. Penalty received 4/13/98.
2/19/98	Robert Butler	Admin.	AFO	Clark	Settlement letter sent 3/26/98. Penalty due 5/15/98.
2/24/98	Rinard, City of	Permit Conditions	WS	Hansen	Sent to DIA 4/16/98. Hearing set for 6/22/98.
2/26/98	Ira Cooley, Debby Cooley and Karen Sauer	Admin.	AQ/SW	Kennedy	Negotiating before filing.
2/27/98	James Mills	Admin.	AQ/SW	Preziosi	Negotiating before filing.
2/27/98	Webb, City of	Admin.	AQ/SW	Preziosi	Negotiating before filing.
3/05/98	Bluff Harbor Marina	Denial of Tag	UT	Womson	Negotiating before filing.
3/06/98	Enviro Safe Air, Inc. (98-AQ-05)	Admin.	AQ	Preziosi	Negotiating before filing.
4/03/98	Pictured Rocks Methodist Camp	Admin.	WS	Hansen	New case.
4/03/98	Cooperative Oil Company; Mickey Berg	Admin. Order	UT/WW	Womson	New case. Compliance initiated.

4/23/98	North Liberty, City of	Admin. Order	WW	Hansen	New case.
4/27/98	Weise Corporation	Admin.	AQ	Preziosi	New case.
4/28/98	ALCOA	Permit Conditions	WW	Hansen	New case.

Mr. Stokes presented the routine reports noting that number 3 on the Rulemaking Report is the rule that was deleted from the agenda this month. He noted that the rules were sent to the Code Editor and they did some reformatting, but the version that went out to public comment was not the reformatted version and staff felt they should bring it to the Commission next month with the proper formatted version. Mr. Stokes stated that last week the Administrative Rules Review Committee (ARRC) voted to put a portion of the rules on Chapter 49 & 69, dealing with private wells and septic tanks, on a 70 day delay. He explained their concerns are with one particular segment of the rules and the remainder of the rules were adopted. He related that staff will work on the segment of the rule addressing the appropriate materials for well casing and how to handle "seconds" type of material relative to certification. Mr. Stokes noted that the ARRC will request a special session on June 9, relative to rules for certification for Property Tax Exemptions for Pollution Control Equipment. He related that this law has been on the books for a number of years. He expanded on details of the tax exemption and who qualifies for it, and related that there is concern for granting those types of exemptions to animal feeding operations.

Mr. Stokes told the Commissioners he placed at their work stations a packet of materials containing a briefing paper on the Imaging Project Update, materials from the recent Client Contact Group meeting, and four Policy/Procedure Statements. He expanded on each of these issues. Mr. Stokes informed the Commission that Black and Beach sent a 60 day notice to the department to end their contract for issuing the Voluntary Operator permits. He related that their work has not been satisfactory and staff will send out a RFP for a replacement contractor. The Commission was also provided a copy of a letter from Gail Hutton, US EPA, to Charles Lee, US Dept. of Commerce relative to the Washburn Wastewater Treatment Project. He expanded on the letter and what the county is doing on that project and noted that EPA can object to the department's permit but nothing has been heard from them. He noted that the department plans to do nothing further.

Rozanne King asked about the Oelwein Soil Service case from 1986, on the Contested Cases report.

Mr. Murphy stated that it is a very old case which involved a contaminated site and an Administrative Order was issued 12 years ago to have more studies done. It was appealed and there has been a number of studies done since that time. Staff looked at it recently and felt that a limited amount of study needs to be done and they were sent a letter. He related that since the order is so out of date it was decided to rescind it without prejudice, adding that it is a matter of clean up.

Terrance Townsend asked in regard to the Washburn issue if Black Hawk County is pursuing changes to the wetland site.

Mr. Stokes replied that he has not heard anything on that.

INFORMATIONAL ONLY

AIR MODELING TRAINING CONTRACT

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve a contract for professional services with Alpine Geophysics for five days of training for Air Quality Bureau modeling staff. This will be on-site training at the Air Bureau offices on Hickman Road.

The subject of this training is the operation and technical basis of a type of air pollution modeling which is three-dimensional grid models. The group of programs addressed by the training are consolidated under the name of Urban Airshed Models (UAM). Up until now the department has not used this type of modeling because they were used almost exclusively in ozone non-attainment areas. With the regional ozone transport assessment group (OTAG) process Iowa industries began to be subject to this type of modeling. The department needs staff expertise in order to counter the various efforts to force Iowa to regulate pollutants that react to form ozone in states to our east. This model will also be required for regional haze assessments and fine particulate State Implementation Plans (SIPs). In addition, EPA is finalizing a new permit review model based on this software. This training is needed for staff to respond to these various initiatives in a timely and factual basis.

There are two companies in the U.S. which conduct such training. In both cases they conduct this training only when contracted by a state or other institution and only at that institution's facilities. Costs are equivalent between the two firms with Alpine providing a course better meeting department staff's needs. In addition, the Bureau has had satisfactory results with Alpine Geophysical in performing some UAM modeling for Iowa, Minnesota, Nebraska, North Dakota and South Dakota during the OTAG process.

The training will cost between \$18,000 and \$20,000 depending on airfare and living expenses at the time of the training. This contract is for billed expenses up to a maximum of \$20,000. The training will be scheduled to take place approximately one month after Commission approval of this contract.

Mr. Stokes reviewed details of the contract and explained the need for this type of modeling.

Gary Priebe asked how many people will be trained.

Mr. Stokes stated that 2-3 instructors and 6-13 individuals will be involved and he explained the associated costs.

Brief discussion followed.

Motion was made by Rita Venner to approve the Air Modeling Training Contract up to a maximum of \$25,000. Seconded by Rozanne King. Motion carried unanimously.

APPROVED AS PRESENTED

EMERGENCY ADOPTED AND NOTICE OF INTENDED ACTION--CHAPTER 20, 22 AND 23, AIR QUALITY CASE-BY-CASE MACT

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the proposed Adopted and Filed Emergency amendments to Chapter 20, "Scope of Title—Definitions—Forms—Rules of Practice," Chapter 22, "Controlling Pollution," and Chapter 23, "Emission Standards for Contaminants," Iowa Administrative Code.

The purpose of this rule making is to implement 40 Code of Federal Regulations Sections 63.40 through 63.44, as mandated by Section 112(g) of the Clean Air Act of 1990. This section of the Act requires states to make case-by-case maximum available control technology (MACT) determinations in the review of air construction permit applications for certain major sources of hazardous air pollutants (HAP), unless a HAP emission standard for the source category has been promulgated federally.

Facilities proposing to construct or reconstruct air emission sources, considered "major" for hazardous air pollutants, will be required to submit an application for MACT determination in addition to their construction permit application.

According to 40 CFR Section 63.42, if a state fails to implement a program for establishing case-by-case MACT determinations by June 29, 1998, facilities would be required to apply to the U.S. Environmental Protection Agency for those determinations in addition to applying for a state air construction permit.

ENVIRONMENTAL PROTECTION COMMISSION [567] Adopted and Filed Emergency

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission proposes to amend Chapter 20, "Scope of Title—Definitions—Forms—Rules of Practice," Chapter 22, "Controlling Pollution," and Chapter 23, "Emission Standards for Contaminants," Iowa Administrative Code.

The purpose of this rule making is to implement 40 CFR Sections 63.40 through 63.44, as mandated by Section 112(g) of the Clean Air Act. This section of the Act requires case-by-case maximum available control technology (MACT) determinations to be made for facilities proposing to construct or reconstruct major sources of hazardous air pollutants (HAP), unless a HAP emission standard for the source category has been promulgated under 40 CFR Part 63. For facilities considering constructing or reconstructing such a source, this rule making would require the submittal of a MACT determination application in addition to the air construction permit application.

These amendments make the necessary additions and revisions to existing programs and procedures that are required to implement 40 CFR Sections 63.40 through 63.44.

In compliance with Iowa Code section 17A.4(2), the Commission finds that notice and public participation are impracticable because of the federal requirement to implement this program. The Commission also finds, pursuant to Iowa Code section 17A.5(2) "b"(1), that the normal effective date of the amendment should be waived and these amendments should be made effective on June 29, 1998, because of the deadline for states to implement the federal requirements.

The amendment is also published herein under Notice of Intended Action as ARC ____ to allow public comment.

These amendments may impact small businesses.

These amendments are intended to implement Iowa Code section 455B.133.

ITEM 1. Amend rule 567—20.2(455B) by adding the following new definitions in alphabetical order:

"Maximum achievable control technology (MACT)" means the following regarding regulated hazardous air pollutant sources:

1. For existing sources, the emissions limitation reflecting the maximum degree of reduction in emissions that the administrator or the department, taking into consideration the cost of achieving such emission reduction, and any nonair quality health and environmental impacts and energy requirements, determines is achievable by sources in the category of stationary sources, that shall not be less stringent than the MACT floor.

2. For new sources, the emission limitation which is not less stringent than the emission limitation achieved in practice by the best-controlled similar source, and which reflects the maximum degree of reduction in emissions that the administrator or the department, taking into consideration the cost of achieving such emission reduction, and any nonair quality health and environmental impacts and energy requirements, determines is achievable by the affected source.

"Maximum Achievable Control Technology (MACT) floor" means the following:

1. For existing sources, the average emission limitation achieved by the best 12 percent of the existing sources in the United States (for which the administrator or the department has or could reasonably obtain emissions information), excluding those sources that have, within 18 months before the emission standard is proposed or within 30 months before such standard is promulgated, whichever is later, first achieved a level of emission rate or emission reduction which complies, or would comply if the source is not subject to such standard, with the lowest achievable emission rate applicable to the source category and prevailing at the time, for categories and subcategories of stationary sources with 30 or more sources in the category or subcategory, or the average emission limitation achieved by the best performing five sources in the United States (for which the administrator or the department has or could reasonably obtain emissions information), for a category or subcategory of stationary sources with fewer than 30 sources in the category or subcategory.

2. For new sources, the emission limitation achieved in practice by the best controlled similar source.

ITEM 2. Amend subrule 22.1(1) as follows:

22.1(1) Permit required. Unless exempted in subrule 22.1(2), no person shall construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, or conditional permit, or permit pursuant to 22.8(455B), or permits required pursuant to 22.4(455B) and 22.5(455B) as required in this subrule. A permit shall be obtained prior to

the initiation of construction, installation or alteration of any portion of the stationary source or anaerobic lagoon. ~~Existing sources built prior to September 23, 1970, are not subject to this subrule, unless they have been modified, reconstructed, or altered on or after September 23, 1970.~~

a. Existing sources. Sources built prior to September 23, 1970 are not subject to this subrule, unless they have been modified, reconstructed, or altered on or after September 23, 1970.

b. New or reconstructed major sources of hazardous air pollutants. No person shall construct or reconstruct a major source of hazardous air pollutants, as defined in 40 CFR 63.41 as amended through December 27, 1996, unless a construction permit has been obtained from the department, which requires maximum achievable control technology for new sources to be applied. The permit shall be obtained prior to the initiation of construction or reconstruction of the major source.

ITEM 3. Amend paragraph 22.1(3) "b," by adding a new subparagraph:

(8) Application for a case-by-case MACT determination. If the source meets the definition of construction or reconstruction of a major source of hazardous air pollutants, as defined in paragraph 22.1(1)"b", then the owner or operator shall submit an application for a case-by-case MACT determination, as required in subparagraph 23.1(4)"b"(1), with the construction permit application. In addition to this paragraph, an application for a case-by-case MACT determination shall include the following information:

1. The hazardous air pollutants (HAP) emitted by the constructed or reconstructed major source, and the estimated emission rate for each HAP, to the extent this information is needed by the permitting authority to determine MACT;

2. Any federally enforceable emission limitations applicable to the constructed or reconstructed major source;

3. The maximum and expected utilization of capacity of the constructed or reconstructed major source, and the associated uncontrolled emission rates for that source, to the extent this information is needed by the permitting authority to determine MACT;

4. The controlled emissions for the constructed or reconstructed major source in tons/yr at expected and maximum utilization of capacity, to the extent this information is needed by the permitting authority to determine MACT;

5. A recommended emission limitation for the constructed or reconstructed major source consistent with the principles set forth in 40 CFR Part 63.43(d), as amended through December 27, 1996;

6. The selected control technology to meet the recommended MACT emission limitation, including technical information on the design, operation, size, estimated control efficiency of the control technology (and the manufacturer's name, address, telephone number, and relevant specifications and drawings, if requested by the permitting authority);

7. Supporting documentation including identification of alternative control technologies considered by the applicant to meet the emission limitation, and analysis of cost and non-air quality health environmental impacts or energy requirements for the selected control technology;

8. An identification of any listed source category or categories in which the major source is included.

ITEM 4. Amend subrule 23.1(4), introductory paragraph, as follows:

23.1(4) Emission standards for hazardous air pollutants for source categories. The federal standards for emissions of hazardous air pollutants for source categories, 40 Code of Federal Regulations Part 63 as amended through ~~June 24, 1996~~ August 11, 1997, are adopted by reference, except 40 CFR §§ 63.12, 63.14, 63.15, ~~63.40 through 63.44, 63.40(a), 63.42(a), (b), 63.43(c), (f)-(m), 63.50, 63.560 (b), (e)(2), (3), and 63.562 (c), (d),~~ and shall apply to the following affected facilities. The corresponding 40 CFR Part 63 subpart designation is in parentheses. Test methods (Appendix A), sources defined for early reduction provisions (Appendix B), and determination of the fraction biodegraded (F_{bio}) in the biological treatment

unit (Appendix C) of Part 63 also apply to the affected activities or facilities. For the purposes of this subrule "Hazardous air pollutant" has the same meaning found in 567--22.100(455B). For the purposes of this subrule a "major source" means any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in aggregate, 10 tons per year or more of any hazardous air pollutant or 25 tons per year or more of any combination of hazardous air pollutants, unless a lesser quantity is established, or in the case of radionuclides, where different criteria are employed. For the purposes of this subrule an "area source" means any stationary source of hazardous air pollutants that is not a major stationary source as defined in this paragraph. Paragraph 23.1(4) "a," general provisions (Subpart A) of Part 63, shall apply to owners or operators who are subject to subsequent subparts of 40 CFR 63 (except when otherwise specified in a particular subpart or in a relevant standard) as adopted by reference below.

ITEM 5. Amend paragraph 23.1(4) "b," as follows:

b. Requirements for control technology determinations for major sources in accordance with Clean Air Act Sections 112(g) and 112(j). (Subpart B)

(1) Section 112(g) requirements. For the purposes of this subparagraph, the definitions shall be the same as the definitions found in 40 CFR 63.41, as amended through December 27, 1996. The owner or operator of a new or reconstructed major source of hazardous air pollutants must apply maximum achievable control technology (MACT) for new sources to the new or reconstructed major source. If the major source in question has been specifically regulated or exempted from regulation under a standard issued pursuant to section 112(d), section 112(h), or section 112(j) of the Clean Air Act and incorporated in another subpart of 40 CFR Part 63, or the owner or operator of such major source has received all necessary air quality permits for such construction or reconstruction project before June 29, 1998, then the major source in question is not subject to the requirements or this subparagraph. The owner or operator of an affected source shall apply for a construction permit as required in paragraph 567--22.1(1)"d". The construction permit application shall contain an application for a case-by-case MACT determination for the major source.

(2) Section 112(j) requirements. The owner or operator of a new or existing major source of hazardous air pollutants which includes one or more stationary sources included in a source category or subcategory for which the U.S. Environmental Protection Agency has failed to promulgate an emission standard within 18 months of the deadline established under 112(d) must submit an application for a Title V permit or an application for a significant permit modification or for an administrative amendment, whichever is applicable. The application must be made in accordance with procedures established under Title V, by the section 112(j) deadline. In addition, the owner or operator of a new emission unit may submit an application for a Notice of MACT Approval before construction. ~~(Subpart B)~~

Date

Larry J. Wilson, Director

Notice of Intended Action - Adoption of case-by-case MACT

The Commission will be asked to approve the proposed Notice of Intended Action to amend Chapter 20, "Scope of Title—Definitions—Forms—Rules of Practice," Chapter 22, "Controlling Pollution," and Chapter 23, "Emission Standards for Contaminants," Iowa Administrative Code.

The purpose of this rule making is to implement 40 Code of Federal Regulations Sections 63.40 through 63.44, as mandated by Section 112(g) of the Clean Air Act of 1990. This section of the Act requires states to make case-by-case maximum available control technology (MACT) determinations in the review of air construction permit applications for certain major sources of hazardous air pollutants (HAP), unless a HAP emission standard for the source category has been promulgated federally.

Facilities proposing to construct or reconstruct air emission sources, considered "major" for hazardous air pollutants, will be required to submit an application for MACT determination in addition to their construction permit application.

According to 40 CFR Section 63.42, if a state fails to implement a program for establishing case-by-case MACT determinations by June 29, 1998, facilities would be required to apply to the U.S. Environmental Protection Agency for those determinations in addition to applying for a state air construction permit.

The Notice of Intended Action will allow for public comment on these amendments to the Iowa Administrative Code. Once the Notice of Intended Action has been through public comment and any issues raised during the public comment period have been addressed, the Commission will be asked to approve the amendments as Adopted and Filed. After commission approval and once the amendments are effective, the Adopted and Filed Emergency amendments shall be rescinded.

ENVIRONMENTAL PROTECTION COMMISSION [567] Notice of Intended Action

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapter 20, "Scope of Title—Definitions—Forms—Rules of Practice," Chapter 22, "Controlling Pollution," and Chapter 23, "Emission Standards for Contaminants," Iowa Administrative Code.

The purpose of this rule making is to implement 40 CFR Sections 63.40 through 63.44, as mandated by Section 112(g) of the Clean Air Act. This section of the Act requires case-by-case maximum available control technology (MACT) determination to be made for facilities proposing to construct or reconstruct major sources of hazardous air pollutants (HAP), unless a HAP emission standard for the source category has been promulgated under 40 CFR Part 63. For facilities considering constructing or reconstructing such a source, this rule making would require the submittal of a MACT determination application in addition to the air construction permit application.

These amendments make the necessary additions and revisions to existing programs and procedures that are required to implement 40 CFR Sections 63.40 through 63.44.

Any person may make written suggestions or comments on the proposed rules on or before July 17, 1998. Written comments should be directed to Scott Vander Hart, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Road, Suite 1, Urbandale, Iowa 50322, fax (515) 242-5094, or by electronic mail to svander@max.state.ia.us.

A public hearing will be held on July 17, 1998 at 1:00 p.m. in East Conference Room, Air Quality Bureau, 7900 Hickman Road, Suite 1, Urbandale, IA, at which time comments may be submitted orally or in writing.

Any persons who intend to attend a public hearing and have special requirements, such as those related to hearing or mobility should contact the Department of Natural Resources to advise the Department of any specific needs.

These amendments may impact small businesses.

These amendments were also Adopted and Filed Emergency and are published herein as ARC _____. The content of that submission is incorporated by reference.

These amendments are intended to implement Iowa Code section 455B.133.

Mr. Stokes presented details of the rule.

Motion was made by Rozanne King to approve the Emergency Adoption and Notice of Intended Action--Chapter 20, 22, and 23, Air Quality Case-by-Case MACT. Seconded by Charlotte Mohr. Motion carried unanimously.

APPROVED AS PRESENTED

NOTICE OF INTENDED ACTION--CHAPTER 22 AND 23, ACID RAIN EXEMPTIONS AND PRIMARY ALUMINUM REDUCTION PLANTS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the proposed Notice of Intended Action to amend Chapter 22, "Controlling Pollution," and Chapter 23, "Emission Standards for Contaminants," Iowa Administrative Code.

The purpose of this rule making is to adopt by reference the new and revised acid rain exemptions and the national emission standard for hazardous air pollutant (NESHAP) for primary aluminum reduction plants. It also re-establishes the original compliance dates for submittal of the title V, voluntary, and small source operating permit applications.

New unit and retired unit exemptions of the acid rain exemptions have been streamlined, making it easier for facilities to petition the Department for exemption. Industrial utility-unit exemption has been created because this type of unit will not be able to participate in allowance trading at the federal level. The NESHAP for primary aluminum reduction plants establishes standards for a variety of units within a primary aluminum reduction plant.

ENVIRONMENTAL PROTECTION COMMISSION [567]

Notice of Intended Action

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapter 22, "Controlling Pollution," and Chapter 23, "Emission Standards for Contaminants," Iowa Administrative Code.

The purpose of this rule making is to adopt by reference the new and revised acid rain exemptions and the national emission standard for hazardous air pollutant (NESHAP) for primary aluminum reduction plants. It also re-establishes the original compliance dates for submittal of the title V, voluntary, and small source operating permit applications.

Item 1 corrects an internal citation.

Item 2 re-establishes the original compliance date for submittal of the title V operating permit application.

Item 3 rescinds the former acid rain new unit exemption and adopts by reference acid rain exemptions for new unit exemption, retired unit exemptions, and industrial utility-unit exemption. The revisions to the new unit and retired unit exemptions made the exemption process more automatic by making the exemption effective for the entire year in which the petition was submitted. The revisions also streamline the petition for exemption process by eliminating the requirement for public notification on the petition. The industrial utility-unit exemption is new. The U.S. Environmental Protection Agency had stated that no allowances would be allocated to industrial utility-units under Section 405 of the Clean Air Act of 1990. Because of this they promulgated a limited exemption for industrial utility-units that served, any time starting in 1985, a generator that produced electricity for sale.

Item 4 rescinds the former acid rain retired unit exemption. The revised retired unit exemption was adopted by reference in Item 3.

Item 5 re-establishes the original compliance date for submittal of the voluntary operating permit application.

Item 6 revises language to exclude violations of the requirement to obtain a title V operating permit from the compliance certification for voluntary operating permits.

Item 7 re-establishes the original compliance date for submittal of the small source operating permit application.

Item 8 adds language for clarification.

Item 9 adopts the NESHAP for primary aluminum reduction plants by reference. This adoption establishes standards for each new or existing potline, paste production plant, and anode bake furnace associated with a primary aluminum reduction plant, and for each new pitch storage tank associated with a primary aluminum production plant.

Any person may make written suggestions or comments on the proposed rules on or before July 17, 1998. Written comments should be directed to Scott Vander Hart, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Road, Suite 1, Urbandale, Iowa 50322, fax (515) 242-5094, or by electronic mail to svander@max.state.ia.us.

A public hearing will be held on July 17, 1998 at 1:30 p.m. in East Conference Room, Air Quality Bureau, 7900 Hickman Road, Suite 1, Urbandale, IA, at which time comments may be submitted orally or in writing.

Any persons who intend to attend a public hearing and have special requirements, such as those related to hearing or mobility should contact the Department of Natural Resources to advise the Department of any specific needs.

These amendments may impact small business.

These amendments are intended to implement Iowa Code section 455B.133.

The following amendments are proposed.

ITEM 1. Amend subparagraph 22.103(2) "a"(2) as follows:

(2) A storage tank which contains no volatile organic compounds above a vapor pressure of 0.75 pounds per square inch at the normal operating temperature of the tank when other emissions from the tank do not exceed the levels in ~~paragraph 22.103(2) "b."~~ subparagraph 22.103(2) "a"(1).

ITEM 2. Amend paragraph 22.105(1) "a" as follows:

a. Timely application. Each source applying for a Title V permit shall submit an application:

(1) By November 15, 1994, if source was existing on or before April 20, 1994 for the first time submittals of Title V permit applications. However, a source may choose to defer submittal of Part 2 of the permit application until December 31, 1995. The department will mail notice of the deadline for Part 2 of the permit application to all applicants who have filed Part 1 of the application by October 17, 1995.

(2)(4) At least 6 months but not more than 18 months prior to the date of permit expiration if the application is for a permit renewal.

(3)(2) By January 1, 1996, (for sulfur dioxide) or by January 1, 1998, (for nitrogen oxides) if the application is for an initial Phase II acid rain permit.

(4)(3) At least 6 months prior to any planned significant modification of a Title V permit. See rule 22.113(455B).

(5)(4) Within 12 months of commencing operation for a source subject to 112(g) of the Act or subject to rule 22.4(455B) (prevention of significant deterioration permitting) or subject to rule 22.5(455B) (nonattainment area permitting). Where an existing Title V permit would prohibit such construction or change in operation, the source must obtain a Title V permit revision before commencing operation.

(6)(5) Within 12 months of becoming subject to this rule for a new source or a source, which has become subject to the Title V permit requirement after April 20, 1994.

ITEM 3. Rescind rule 22.123(455B) and adopt the following in lieu thereof:
567—22.123(455B) Acid rain exemptions.

22.123(1) New unit exemption. The new unit exemption, as specified in 40 CFR §72.7, as amended through October 24, 1997, except for 40 CFR §72.7(c)(1)(i), is adopted by reference. This exemption applies to new utility units.

22.123(2) Retired unit exemption. The retired unit exemption, as specified in 40 CFR §72.8, as amended through October 24, 1997, is adopted by reference. This exemption applies to any affected unit that is permanently retired.

22.123(3) Industrial utility-unit exemption. The industrial utility-unit exemption, as specified in 40 CFR §72.14, as amended through October 24, 1997, is adopted by reference. This exemption applies to any non-cogeneration, utility unit.

ITEM 4. Rescind and reserve rule 22.124(455B).

ITEM 5. Amend subrule 22.203(1), paragraph "a," as follows:

a. Timely application. Each source applying for a voluntary operating permit shall submit an application:

(1) By July 1, 1996, if the source is existing on or before July 1, 1995, unless otherwise required to obtain a Title V permit under rule 22.101(455B):

~~(2)(1)~~ At least 6 months but not more than 12 months prior to the date of expiration if the application is for renewal;

~~(3)(2)~~ Within 12 months of becoming subject to rule 22.101(455B)~~this rule~~ for a new source or a source which would otherwise become subject to the Title V permit requirement after July 1, 1995.

ITEM 6. Amend subparagraph 22.203(2) "e"(1), as follows:

(1) Certification of compliance for the prior year with all applicable requirements with an exception for violations of ~~subrules~~subrules 22.1(1) and 22.105(1);

ITEM 7. Amend subrule 22.300(8), paragraph "a," subparagraph (1) as follows:

(1) Timely registration. Each source registering for an operating permit by rule for small sources shall submit a registration form:-

1. By August 1, 1996, if the source became subject to rule 22.101(455B) on or before August 1, 1995, unless otherwise required to obtain a Title V permit under rule 22.101(455B).

2. Within ~~within~~ 12 months of becoming subject to rule 22.101(455B) (the requirement to obtain a Title V permit) for a new source or a source which would otherwise become subject to the Title V permit requirement after August 1, 1995.

ITEM 8. Amend subrule 23.1(1), as follows:

23.1(1) In general. The federal standards of performance for new stationary sources (new source performance standards) shall be applicable as specified in subrule 23.1(2). The federal standards for hazardous air pollutants (national emission standards for hazardous air pollutants) shall be applicable as specified in subrule 23.1(3). The federal standards for hazardous air pollutants for source categories (national emission standards for hazardous air pollutants for source categories) shall be applicable as specified in subrule 23.1(4). The federal emission guidelines (emission guidelines) shall be applicable as specified in subrule 23.1(5). Compliance with emission standards specified elsewhere in this chapter shall be in accordance with 567—Chapter 21.

ITEM 9. Amend subrule 23.1(4), by adding the following new paragraph:

p. Emission standards for primary aluminum reduction plants. These standards apply to each new or existing potline, paste production plant, and anode bake furnace associated with a primary aluminum reduction plant, and for each new pitch storage tank associated with a primary aluminum production plant. (Subpart LL)

Date

Larry J. Wilson, Director

Mr. Stokes presented the rules in detail and noted that he distributed a briefing sheet to the Commissioners which provides an explanation of primary aluminum reduction facilities.

Motion was made by Charlotte Mohr to approve Notice of Intended Action--Chapter 22 and 23, Acid Rain Exemptions and Primary Aluminum Reduction Plants. Seconded by Terrance Townsend. Motion carried unanimously.

APPROVED AS PRESENTED

NOTICE OF INTENDED ACTION--CHAPTER 28, AIR QUALITY -REVISED NAAQS

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve the proposed Notice of Intended Action to amend Chapter 28, "Ambient Air Quality Standards," Iowa Administrative Code.

The purpose of this rule making is to adopt by reference the new $PM_{2.5}$, and revised PM_{10} and ozone national ambient air quality standards (NAAQS), which were effective federally on September 16, 1997. The U.S. Environmental Protection Agency amended the existing NAAQS for ozone and promulgated a new annual and 24-hour $PM_{2.5}$ NAAQS to better protect public health, especially those at higher risk, such as children, the elderly, and individuals with preexisting heart or lung diseases. They also made revisions, which relaxed the current PM_{10} NAAQS. The federal Clean Air Act requires that each NAAQS be reviewed and possibly revised every five years to reflect the most recent health information available.

40 Code of Federal Regulations Section 50.2(b) states that the "National primary ambient air quality standards define levels of air quality which the Administrator judges are necessary, with adequate margin of safety, to protect the public health." In Iowa Code subsection 455B.133[3], the Commission is required to "Adopt, amend, or repeal ambient air quality standards for the atmosphere of this state on the basis of providing air quality necessary to protect the public health and welfare..."

ENVIRONMENTAL PROTECTION COMMISSION [567] Notice of Intended Action

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapter 28, "Ambient Air Quality Standards," Iowa Administrative Code.

The purpose of this rule making is to adopt by reference the new $PM_{2.5}$, and revised PM_{10} and ozone national ambient air quality standards (NAAQS), which were effective federally on September 16, 1997. The U.S. Environmental Protection Agency amended the existing NAAQS for ozone and

promulgated a new annual and 24-hour PM_{2.5} NAAQS to better protect public health, especially those at higher risk, such as children, the elderly, and individuals with preexisting heart or lung diseases. They also made revisions, which relaxed the current PM₁₀ NAAQS. The federal Clean Air Act requires that each NAAQS be reviewed and possibly revised to reflect the most recent health information available.

Any person may make written suggestions or comments on the proposed rules on or before July 17, 1998. Written comments should be directed to Scott Vander Hart, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Road, Suite 1, Urbandale, Iowa 50322, fax (515) 242-5094, or by electronic mail to svander@max.state.ia.us.

A public hearing will be held on July 17, 1998 at 2:00 p.m. in East Conference Room, Air Quality Bureau, 7900 Hickman Road, Suite 1, Urbandale, IA, at which time comments may be submitted orally or in writing.

Any persons who intend to attend a public hearing and have special requirements, such as those related to hearing or mobility should contact the Department of Natural Resources to advise the Department of any specific needs.

The amendment may impact small businesses.

The amendment is intended to implement Iowa Code section 455B.133.

The following amendment is proposed.

Amend rule 567--28.1(455B) as follows:

567--28.1 (455B) Statewide standards. The state of Iowa ambient air quality standards shall be the National Primary and Secondary Ambient Air Quality Standards as published in 40 Code of Federal Regulations Part 50 (1972) and as amended at 38 Federal Register 22384 (September 14, 1973), 43 Federal Register 46258 (October 5, 1978), and 44 Federal Register 8202, 8220 (February 9, 1979), ~~and~~ 52 Federal Register 24634-24669 (July 1, 1987), and 62 Federal Register 38651-38760, 38855-38896 (July 18, 1997).

Date

Larry J. Wilson, Director

Mr. Stokes reviewed that this rule was part of a larger air quality rulemaking brought to the Commission earlier in the year and they did not include adoption of these standards as part of that rulemaking. He stated that the Commission does not need to adopt this rule but the onus will be on the department to come forth with State Implementation Plan (SIP) revisions to address how the state will protect the air quality to meet those numbers, and staff will do that. He added that if the Commission does not adopt the rules or a SIP, then EPA could come forth with a federal SIP and implement/enforce it to see that these standards are met. He related that he would like to have the rules taken out to public comment. Mr. Stokes noted that Chris Gault raised questions about conflicts on the timeline and related that he does not have any explanation for the timelines being different. He added that the timelines he provided to the Commission are

out of the federal Clean Air Act that states within 12 months of final promulgation of the rules, states are to come up with the classification, which would be September of 1998. He noted that staff have spoke with EPA Region 7 and they say that date is correct. He related that if headquarters at EPA is saying something different they have not notified Region 7 or the department.

Wayne Kaiser

Wayne Kaiser, EPA Region 7, stated that Mr. Stokes is correct based upon what he has heard. He related he will be sending a letter to the Governor asking him to make a designation for PM2.5 for the entire state as an unclassifiable area. He added that is what they do when they do not have the data, and it will not be available for several years.

Chairman Ehm asked rather than trying to determine where there might be a problem is the suggestion to simply specify the whole state as unclassifiable.

Mr. Stokes stated that to classify an area the department has to provide data not only on PM2.5 but also on PM10 and on ozone. He related that the proposal will be to classify the state as attainment for PM10 and the new ozone standard, and for PM2.5 the state would be unclassified at this time because we have no data on PM2.5. Monitors are just now being placed in the field to monitor for PM2.5.

Gary Priebe asked if this will include dust from agricultural areas.

Mr. Stokes stated that he really does not know but would expect that it would have very little impact because most of the monitors are going in at urban areas where there is not much agricultural activity. He expanded on possible areas of impact such as ammonia or nitrogen oxide types of emissions. He stressed that until monitoring data is received he cannot give any guarantees.

Gary Priebe stated that these rules still bother him, adding that they scare him. He related that they may want to shut down a hog lagoon emitting particulates, and it could be shut down after a person has established and built it.

Director Wilson responded that he understands Commissioner Priebe's uneasiness but a Notice of Intended Action provides for notice to the public so that the agricultural community, the public, business and industry, etc. will have an opportunity to comment. He related that he thinks it is worthy to get out to the public for comment.

Commissioner Priebe stated that although he has reservations, he feels it should go out for public comment.

Discussion followed in regard to having more than one public hearing. Consensus of the Commission was to increase the number of hearings to three.

Mr. Stokes stated that public hearings can be held in Council Bluffs, Des Moines and Scott County.

Brief discussion followed in regarding how the plan is put together, monitoring and collecting data, and cost for monitors.

Motion was made by Terrance Townsend to approve Notice of Intended Action--Chapter 28, Air Quality Revised NAAQS, with three public hearing to be held. Seconded by Charlotte Mohr. Motion carried unanimously.

APPROVED WITH ADDED PUBLIC HEARINGS

AIR QUALITY BUDGET APPROVAL - TITLE V FEES

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to approve an Air Quality Title V Operating Permit Fee for SFY 1999 of \$21.10 per ton. The Commission will be provided supporting information at the time of the meeting.

Mr. Stokes stated that he is asking the Commission to approve the Title V Fee for FY 99 based on reported emissions from calendar year 97. He noted that he placed copies of the SFY 1999 Air Quality Bureau Budget at the Commissioners work station. He discussed details of the budget.

Motion was made by Charlotte Mohr to approve the Air Quality Operating Permit Fee as presented at \$21.10 per ton. Seconded by Terrance Townsend. Motion carried unanimously.

APPROVED AS PRESENTED

STATE REVOLVING FUND - INTENDED USE PLAN, 1998 (WASTEWATER)

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Intended Use Plan for the FY 1998 State Revolving Fund is recommended to be approved by the Environmental Protection Commission. The public hearing was held on April 20, 1998.

The IUP includes the State Project Priority List which is the list of projects proposed to receive loan assistance in FY 1998. A summary of the input received and the resulting revisions are discussed in Section X of the IUP. EPA requires opportunity for public input on the IUP and Project Priority List. The notice and hearing allowed this input. A final IUP is now presented for

commission adoption following consideration of comments and revisions to the proposed IUP. An application for the FY 1997 capitalization grant will be submitted to EPA in order to get a commitment for federal funds now available.

INTRODUCTION

The State of Iowa herewith submits its Intended Use Plan (IUP) for all funds available in the State Revolving Fund (SRF) during State Fiscal Year (SFY) 1998. This plan is based on receiving a capitalization grant from the federal fiscal year (FFY) 1998 Title VI funds appropriated by the U.S. Congress for the Iowa State Revolving Fund. In addition, the SFY 1998 SRF will include the State's required 20% match for this grant. These funds will be added to the SRF funds provided in previous years.

SRF FUNDS

This Intended Use Plan is based upon federal funds available for fiscal year (FY) 1998 by Congressional appropriation. The Clean Water Act authorized program funding for FFY 1989 through 1994. In addition, appropriations were made for FFY 1995 through 1997. The State has received all capitalization grants available to the state from appropriations made for these years. The Clean Water Act has not been reauthorized at this time, but Congress has appropriated funds for FFY 1998. Of this appropriation, Iowa has been allotted \$18,224,613 for FFY 1998.

In addition, Iowa currently has \$156,819 that has been accumulated from construction grant project deobligations under Section 205 of the Clean Water Act. There are no remaining grant projects which can utilize these funds as grants. Therefore, as provided by the Clean Water Act, the state will request that these funds be transferred to the SRF loan program and will include them in the FY 1998 capitalization grant request. Therefore, total Federal SRF funds for FFY 1998 will be \$18,381,432.

It is the intent of this plan to provide funds to loan applicants with the FY 1998 capitalization grant, the state match and funds currently in the SRF loan program. A capitalization grant of \$18,381,432 requires a state match of 20% or \$3,676,287 for a total of \$22,057,719 in new SRF funds. Of this amount, \$735,257 is committed to program administration costs, leaving \$21,322,462 in new funds for project loans. Chart 1 Part 4 shows a total loan need of \$41,642,000 for FY 1998 projects. Therefore, \$20,319,538 of excess reserve funds or other funds currently available in the SRF will be necessary to fund the projects on Chart 1 Part 4. This amount is available and can be used for this purpose.

(A copy of the complete Intended Use Plan and Public Comment is on file in the department's Records Center)

Mr. Stokes gave a detailed explanation of the SRF-IUP.

Motion was made by Rozanne King to approve State Revolving Fund - Intended Use Plan 1998, for wastewater. Seconded by Terrance Townsend.

Rozanne King asked what a Binding Commitment Date is.

Mr. Stokes replied that it is like a loan closure date.

Gary Priebe asked about the Hardship Grant Program.

Mr. Stokes stated that it will be a new program this year and staff are still sifting through federal guidance on that program. He related that the moneys are not available yet and staff will have to bring an amended IUP to the Commission. It will provide for certain communities, at some percentage of the poverty rate, to apply for grants to meet their needs under this program.

Vote on the motion carried unanimously.

APPROVED AS PRESENTED

IOWA WELLHEAD PROTECTION PLAN

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission will be asked to give approval to hold three public hearings on the draft Iowa Wellhead Protection Plan. The Safe Drinking Water Act Amendments of 1996 authorize the Department to set up a voluntary program designed to help public water supplies prevent contamination of their water supply through identification and management of a wellhead protection zone. The attached document provides water suppliers with needed information to develop such a wellhead protection plan, giving advice in defining surface and subsurface areas which contribute water to the suppliers' wells. The document identifies general potential sources of contamination, gives a suggested step-by-step approach toward developing a local plan, and proposes useful elements of a contingency emergency plan in case of loss of a source due to either contamination or catastrophic failure.

This draft plan was prepared by the Department's Geological Survey Bureau. Development of the plan was accomplished through the assistance of a thirty-four person Wellhead Protection Advisory Panel (members are identified in the draft plan). Panel members consisted of representatives from interested federal agencies, state agencies, universities, large and small Public Water Supplies, environmental groups, and technical organizations with expertise in hydrogeology. Using information gathered from this technical advisory group which met seven times in 1997, the Department intends to pursue a plan utilizing either a calculated fixed radius or an arbitrary fixed radius (2,500 feet) for the majority of supplies. More integrated and hydrogeologically-based evaluations would be acceptable, but not required.

Environmental Protection Division staff have reviewed this draft plan and recommend no substantive changes to the document. Three public hearings are proposed to receive further public input: one each in Des Moines, Iowa City, and LeMars. Following the three hearings, the plan will be finalized and submitted to the Commission for approval and submittal to EPA.

Mr. Stokes reviewed details of the plan noting that it is a voluntary plan.

Motion was made by Terrance Townsend to approve the Iowa Wellhead Protection Plan to go out to public hearing. Seconded by Gary Priebe. Following brief discussion the motion carried unanimously.

APPROVED AS PRESENTED

WATER TREATMENT OPERATOR CERTIFICATION PROGRAM CONTRACT

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Environmental Protection Commission is requested to approve a one year contract for \$40,427 with the Iowa Association of Municipal Utilities to develop a training manual and provide training opportunities for Grade I water treatment operators.

Contract funds will support the development and publication of a training manual for Grade I water treatment operators. The contract will also provide for training workshops located in each of the Environmental Protection Divisions Field Office areas to train and prepare up to 600 individuals to become certified as a Grade I water treatment operators. The training manual will become a resource document for future training and use in the operator certification program.

The contract will be funded using the operator certification fund which is derived from operator certification and renewal fees and administered by the Department.

Mr. Stokes explained details of the program. He noted that subsequent to the agenda item going to the Commission, further discussion took place with ISU and they requested an additional \$750 to increase the mailings to operators. He related that approval is being sought for a contract of \$41,000 rather than \$40,427.

Motion was made by Charlotte Mohr to approve the Operator Certification Program contract with Iowa Association of Municipal Utilities in the amount of \$41,000. Seconded by Rozanne King. Motion carried unanimously.

APPROVED CONTRACT FOR \$41,000

AIR QUALITY AGREEMENT WITH UNI, IOWA AIR EMISSIONS ASSISTANCE PROGRAM

Allan Stokes, Division Administrator, Environmental Protection Division, presented the following item.

The Commission is asked to approve the attached copy of the agreement with the Iowa Waste Reduction Center, University of Northern Iowa, to provide small businesses with technical assistance related to air pollution permitting and pollution prevention. This contractual agreement stipulates the objectives and work schedule that the Iowa Air Emissions Assistance Program (IAEAP), University of Northern Iowa, has agreed to fulfill during SFY 99, July 1, 1998 through June 30, 1999.

IAEAP was developed in response to the 1990 Clean Air Act Amendments mandate that each state government provide assistance to small businesses. IAEAP fulfills the technical assistance requirements pursuant to Section 507 of the 1990 Clean Air Act Amendments.

The agreement amount is \$347,000. This amount has not changed from the SFY 98 level. The funding will be supported by funds from Title V fees

A copy of the agreement is on file in the department's Records Center)

Mr. Stokes explained the agreement in detail.

Motion was made by Terrance Townsend to approve the Air Quality Agreement with UNI for Iowa Air Emissions Assistance Program. Seconded by Rozanne King. Motion carried unanimously.

APPROVED AS PRESENTED

Mr. Stokes reported that today is the day that Muscatine is to be redesignated back to attainment with the air quality standards.

GENERAL DISCUSSION

Charlotte Mohr called attention to an article in the last issue of Mississippi Monitor stating that the fecal coliform levels are high in Quad Cities and St. Louis, and she asked why nothing has been allowed for a coliform study in the budget.

Mr. Stokes stated that the chloroform line item in the 97 budget did not relate to surface water, adding that it was in the drinking water area. He noted that Iowa received special grant funds, one time, one year from EPA, and the money was used to contract with UHL. He noted that it provided calendars to small water suppliers to remind them of the need to take their coliform

samples of the public water supply, and to provide follow up mentoring types of visits to small water supplies.

Commissioner Mohr stressed that some work need to be done on this, not only locally but nationwide, as it is a big problem.

Commissioner Mohr stated that she has seen two different versions of the Clear Lake water quality problem and inquired which is correct.

Director Wilson stated that he and several staff people have a meeting scheduled this Wednesday with representative of the Clear Lake Preservation Group.

Chairman Ehm expressed concern that the department and Commission get accused of not knowing the condition of the groundwater and waters of the state. He asked if the data that is available should be pulled together to review, and possibly go to the legislature and express concerns that monitoring needs to be done.

Director Wilson noted that the department designed a plan and request was made to the legislature for \$300,000 to study a number of watersheds with animal feeding operations, to use for comparison purposes, and the legislature moved it to ISU.

Discussion followed regarding the increased number of juice bottles, etc. being thrown along the Interstate. Director Wilson noted that in 1999 there will be efforts to make major changes in the bottle bill.

Director Wilson distributed a brochure to the Commission about property taxes that are paid by DNR.

Rita Venner asked if the Terri Schlutz issue has been settled.

Director Wilson stated that the NRCS said the area was not a wetland and the COE said it was. He related that the site was visited recently and it was determined that a portion of it does not have to be mitigated, but there is a considerable amount of property that is a wetland. He noted that the options are: 1) litigation; 2) convince the court to agree with NRCS; or 3) take out the property that does not have to be mitigated and then provide mitigation for the areas that are wetlands.

Rita Venner noted that in her letter from Terri Schlutz, she was very adamant about stating that she was not going to give up the amount suggested.

Director Wilson stated that she will have to do what the formula calls for.

ADDRESS ITEMS FOR NEXT MEETING

Chairman Ehm noted that Mike Fesler has invited the Commission to visit Lake Rathbun Water Treatment Facilities, and asked if the Commission would like to do that in late summer or early fall.

Brief discussion took place on other possible sites to visit.

NEXT MEETING DATES

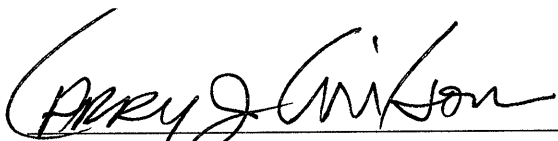
June 15, 1998

July 20, 1998

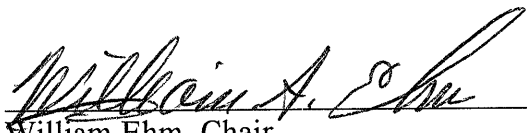
August 17, 1998

ADJOURNMENT

With no further business to come before the Environmental Protection Commission, Chairman Ehm adjourned the meeting at 2:00 p.m., Monday, May 18, 1998.



Larry J. Wilson, Director



William Ehm, Chair



Charlotte Mohr, Secretary

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